



PORTFOLIO

CONSTRUCTION CHEMICALS



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TILE ADHESIVE



TERATILE™ CLASSIC

Tile Adhesive

USES

- Ceramic Tiles :- 2' x 1', 2' x 2'

*For external use consult Redwop

SUBSTRATE

- Plaster
- Cement base Surface
- RCC Surface
- Mosaic Tile Surface

COMPLIANCE STANDARD

- IS 15477 : 2019, EN : 12004

COVERAGE

- Approx 60-70 ft² per 20kg @ 3mm Thickness

PROPERTIES

Appearance	Powder Grey
Mixing Ratio	3.5 ltr. clean water mix with 20kg
Adhesive Thickness	3 to 8mm
Open Time	20 min at 20°C
Adjustability time Pot Life	20 min at 20°C
Shear Strength	> 700 KN/m²
Tensile Strength	> 500 KN/m²
Slip Resistance in mm	0mm
Pot Life at 27°C	Approx 2 Hour
Bulk Density	1.90 gm/cc

PACK SIZE

- 20 & 40 kg Bag



Product Selection &
Coverage Calculation

Visit Our Website

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TILE ADHESIVE



TERATILE™ SILVER

Polymer based Tile Adhesive

USES

- Ceramic Tiles :- 2' x 1', 2' x 2'
- Vitrified Tiles on Wall, Bathroom & Floor* :- 2' x 1', 2' x 2'

*For external use consult Redwop

SUBSTRATE

- Plaster
- Cement base Surface
- RCC Surface
- AAC Block Surface
- Mosaic Tile Surface

COMPLIANCE STANDARD

- IS 15477 : 2019, EN : 12004

COVERAGE

- Approx 60-70 ft² per 20kg @ 3mm Thickness

PROPERTIES

Appearance	Powder Grey / White
Mixing Ratio	3.6 ltr. clean water mix with 20kg
Adhesive Thickness	3 to 10mm
Open Time	20 min at 20°C
Adjustability time Pot Life	20 min at 20°C
Shear Strength	> 1100 KN/m²
Tensile Strength	> 600 KN/m²
Slip Resistance in mm	0mm
Pot Life at 27°C	Approx 2 Hour
Bulk Density	1.82 gm/cc

PACK SIZE

- 20 & 40 kg Bag



Product Selection &
Coverage Calculation

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TILE ADHESIVE



TERATILE™ GP

Polymer based Tile Adhesive

USES

- Ceramic Tiles – 2' x 1', 2' x 2'
- Vitrified Tiles on Wall, Bathroom & Floor*
:- 2' x 1', 2' x 2'

*For external use consult Redwop

SUBSTRATE

- Plaster
- Cement base Surface
- RCC Surface
- AAC Block Surface
- Mosaic Tile Surface

COMPLIANCE STANDARD

- IS 15477 : 2019, EN : 12004

COVERAGE

- Approx 60-70 ft² per 20kg @ 3mm Thickness

PROPERTIES

Appearance	Powder Grey / White
Mixing Ratio	3.6 ltr. clean water mix with 20kg
Adhesive Thickness	3 to 10mm
Open Time	20 min at 20°C
Adjustability time Pot Life	20 min at 20°C
Shear Strength	> 1100 KN/m²
Tensile Strength	> 600 KN/m²
Slip Resistance in mm	0mm
Pot Life at 27°C	Approx 2 Hour
Bulk Density	1.82 gm/cc

PACK SIZE

- 20 & 40 kg Bag



Product Selection &
Coverage Calculation

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TILE ADHESIVE



TERATILE™ GOLD

High Polymer based Tile Adhesive

USES

- Vitrified Tiles on Wall, Bathroom & Floor*
:- 2' x 2', 2' x 4'
- Stone on Window/Door Frame, Wall & Floor*
:- 2ft & 3ft Length

*For external use consult Redwop

SUBSTRATE

- Plaster
- Cement base Surface
- RCC Surface
- AAC Block Surface
- Mosaic Tile Surface
- Stone & Red Brick Surface
- Running granite marble framing

COMPLIANCE STANDARD

- IS 15477 : 2019, EN : 12004

COVERAGE

- Approx 60-70 ft² per 20kg @ 3mm Thickness

PROPERTIES

Appearance	Powder Grey / White
Mixing Ratio	3.7 ltr. clean water mix with 20kg
Adhesive Thickness	3 to 15mm
Open Time	20 min at 20°C
Adjustability time Pot Life	20 min at 20°C
Shear Strength	> 1400 KN/m²
Tensile Strength	> 1100 KN/m²
Slip Resistance in mm	0mm
Pot Life at 27°C	Approx 2 Hour
Bulk Density	1.80 gm/cc

PACK SIZE

- 20 & 40 kg Bag



Product Selection &
Coverage Calculation

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TILE ADHESIVE



TERATILE™ MP

High Polymer based Tile Adhesive

USES

- Vitrified Tiles on Wall, Bathroom & Floor*
:- 2' x 2', 2' x 4'
- Stone on Window/Door Frame, Wall & Floor*
:- 2ft & 3ft Length

*For external use consult Redwop

SUBSTRATE

- Plaster
- Cement base Surface
- RCC Surface
- AAC Block Surface
- Mosaic Tile Surface
- Stone & Red Brick Surface
- Running granite marble framing

COMPLIANCE STANDARD

- IS 15477 : 2019, EN : 12004

COVERAGE

- Approx 60-70 ft² per 20kg @ 3mm Thickness

PROPERTIES

Appearance	Powder Grey / White
Mixing Ratio	3.7 ltr. clean water mix with 20kg
Adhesive Thickness	3 to 15mm
Open Time	20 min at 20°C
Adjustability time Pot Life	20 min at 20°C
Shear Strength	> 1300 KN/m²
Tensile Strength	> 1050 KN/m²
Slip Resistance in mm	0mm
Pot Life at 27°C	Approx 2 Hour
Bulk Density	1.80 gm/cc

PACK SIZE

- 20 & 40 kg Bag



Product Selection &
Coverage Calculation

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TILE ADHESIVE



TERATILE™ SINEX

High Polymer based Tile Adhesive

USES

- Vitrified Tiles on Wall, Bathroom & Floor*
:- 2' x 2', 2' x 4'
- Stone on Window/Door Frame, Wall & Floor*
:- 2ft & 3ft Length

*For external use consult Redwop

SUBSTRATE

- Plaster
- Cement base Surface
- RCC Surface
- AAC Block Surface
- Mosaic Tile Surface
- Stone & Red Brick Surface
- Running granite marble framing

COMPLIANCE STANDARD

- IS 15477 : 2019, EN : 12004

COVERAGE

- Approx 60-70 ft² per 20kg @ 3mm Thickness

PROPERTIES

Appearance	Powder Grey / White
Mixing Ratio	3.7 ltr. clean water mix with 20kg
Adhesive Thickness	3 to 15mm
Open Time	20 min at 20°C
Adjustability time Pot Life	20 min at 20°C
Shear Strength	> 1200 KN/m²
Tensile Strength	> 1040 KN/m²
Slip Resistance in mm	0mm
Pot Life at 27°C	Approx 2 Hour
Bulk Density	1.80 gm/cc

PACK SIZE

- 20 & 40 kg Bag



Product Selection &
Coverage Calculation

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TILE ADHESIVE



TERATILES™ DIAMOND

High Polymer based Tile Adhesive

USES

- Vitrified Tiles on Wall, Bathroom & Floor*
:- 2' x 2', 2' x 4', 6' x 2', 6' x 4'
- Stone on Window/Door Frame, Wall & Floor*
:- 3ft & 4ft Length

*For external use consult Redwop

SUBSTRATE

- Plaster
- Cement base Surface
- RCC Surface
- AAC Block Surface
- Mosaic Tile Surface
- Stone & Red Brick Surface

COMPLIANCE STANDARD

- IS 15477 : 2019, EN : 12004

COVERAGE

- Approx 60-70 ft² per 20kg @ 3mm Thickness

PROPERTIES

Appearance	Powder Grey / White
Mixing Ratio	3.8 ltr. clean water mix with 20kg
Adhesive Thickness	3 to 18mm
Open Time	20 min at 20°C
Adjustability time Pot Life	20 min at 20°C
Shear Strength	> 1500 KN/m²
Tensile Strength	> 1200 KN/m²
Slip Resistance in mm	0mm
Pot Life at 27°C	Approx 2 Hour
Bulk Density	1.76 gm/cc

PACK SIZE

- 20 & 40 kg Bag



Product Selection &
Coverage Calculation

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TILE ADHESIVE



TERATILES™ PLATINUM

Polymer Modified Tile Adhesive

USES

- Vitrified Tiles on Wall, Bathroom & Floor*
:- 2' x 2', 2' x 4', 4' x 4', 6' x 2', 8' x 4'
- Stone on Window/Door Frame, Wall & Floor*
:- 3ft, 4ft & 5ft Length

*For external use consult Redwop

SUBSTRATE

- Plaster
- Cement base Surface
- RCC Surface
- AAC Block Surface
- Mosaic Tile Surface
- Stone & Red Brick Surface

COMPLIANCE STANDARD

- IS 15477 : 2019, EN : 12004

COVERAGE

- Approx 60-70 ft² per 20kg @ 3mm Thickness

PROPERTIES

Appearance	Powder Grey / White
Mixing Ratio	3.8 ltr. clean water mix with 20kg
Adhesive Thickness	3 to 20mm
Open Time	20 min at 20°C
Adjustability time Pot Life	20 min at 20°C
Shear Strength	> 2000 KN/m²
Tensile Strength	> 1600 KN/m²
Slip Resistance in mm	0mm
Pot Life at 27°C	Approx 2 Hour
Bulk Density	1.75 gm/cc

PACK SIZE

- 20 & 40 kg Bag



Product Selection &
Coverage Calculation

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TILE ADHESIVE



TERATILE™ PROLIX High Polymer Modified Tile Adhesive

USES

- Vitrified Tiles on Wall, Bathroom & Floor*
:- 2' x 4', 4' x 4', 6' x 2', 8' x 4', 10' x 4', 12' x 4'
- Stone on Window/Door Frame, Wall & Floor*
:- Above 5ft

*For external use consult Redwop

SUBSTRATE

- Plaster
- Cement base Surface
- RCC Surface
- AAC Block Surface
- Mosaic Tile Surface
- Stone & Red Brick Surface

COMPLIANCE STANDARD

- IS 15477 : 2019, EN : 12004

COVERAGE

- Approx 60-70 ft² per 20kg @ 3mm Thickness

PROPERTIES

Appearance	Powder Grey / White
Mixing Ratio	5.2 ltr. clean water mix with 20kg
Adhesive Thickness	3 to 30mm
Open Time	20 min at 20°C
Adjustability time Pot Life	20 min at 20°C
Shear Strength	> 3100 KN/m ²
Tensile Strength	> 2600 KN/m ²
Slip Resistance in mm	0mm
Pot Life at 27°C	Approx 2 Hour
Bulk Density	1.50 gm/cc

PACK SIZE

- 20 & 40 kg Bag



Product Selection &
Coverage Calculation

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TILE ADHESIVE



TERATILE™ PROLIX EXTRA Extra High Polymer Modified Tile Adhesive

USES

- Vitrified Tiles on Wall, Bathroom & Floor*
:- 2' x 4', 4' x 4', 6' x 2', 8' x 4', 10' x 4', 12' x 4'
- Stone on Window/Door Frame, Wall & Floor*
:- Above 5ft

*For external use consult Redwop

SUBSTRATE

- Plaster
- Cement base Surface
- RCC Surface
- AAC Block Surface
- Mosaic Tile Surface
- Stone & Red Brick Surface

COMPLIANCE STANDARD

- IS 15477 : 2019, EN : 12004

COVERAGE

- Approx 60-70 ft² per 20kg @ 3mm Thickness

PROPERTIES

Appearance	Powder Grey / White
Mixing Ratio	5.3 ltr. clean water mix with 20kg
Adhesive Thickness	3 to 30mm
Open Time	20 min at 20°C
Adjustability time Pot Life	20 min at 20°C
Shear Strength	> 4000 KN/m ²
Tensile Strength	> 3200 KN/m ²
Slip Resistance in mm	0mm
Pot Life at 27°C	Approx 2 Hour
Bulk Density	1.48 gm/cc

PACK SIZE

- 20 & 40 kg Bag

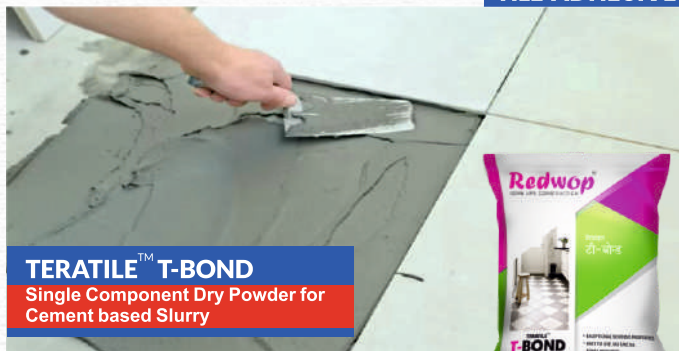


Product Selection &
Coverage Calculation

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TILE ADHESIVE



TERATILE™ T-BOND

Single Component Dry Powder for
Cement based Slurry

APPLICATION AREA

- Tile fixing on all types of low and high rise building
- To get sufficient sag resistance as well as appropriate setting time

APPLICATION PROCEDURE

- Add TERATILE T-BOND into required amount of cement than add water (as per the required workability) in a bucket and blend properly with electric blender. Apply prepared paste as per requirement on both the tile surface and floor surface

ADVANTAGES

- Good adjustability time and high water retention even at elevated temperature
- Develops high adhesive bond strength
- less prone to cracking of mortar

PROPERTIES

Appearance	White Powder
Pot life	Approx. 4 hrs
Setting time	Initial 13 hours Final 2 days
Density	0.75 gm/cc ³
Compressive strength	20 N/mm ² @ 7 days 28 N/mm ² @ 28 days
Bond strength	>1.0 N/mm ² @ 28 days

PACK SIZE

- 300 gms Pouch



Product Selection &
Coverage Calculation

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TILE ADHESIVE



FLEXOPLUS®

Wood & Steel two pack Adhesive

APPLICATION AREA

- Tiles or Stone on Wood
- Tiles on Steel and Aluminium
- Tiles on Cement Sheet
- Cement article to Cement article
- Artificial Marble to Cement Wall

APPLICATION PROCEDURE

- Mixed Base and Hardener properly and then applied

ADVANTAGES

- Suitable for fixing vitrified tile for Floor & Wall
- Two part Epoxy Reactive Adhesive
- Very Good Strength
- Used for Spot Bonding
- Excellent Squeezability
- Fast Cure

PROPERTIES

Compressive Strength	> 40 N/mm ²
Shear Strength	> 6 N/mm ²
Squeezability	Meet the Requirements
Colour	Base : White Hardener : Light Yellow Mixed : Off White

PACK SIZE

- 2 , 5, 10 & 20 kg Set

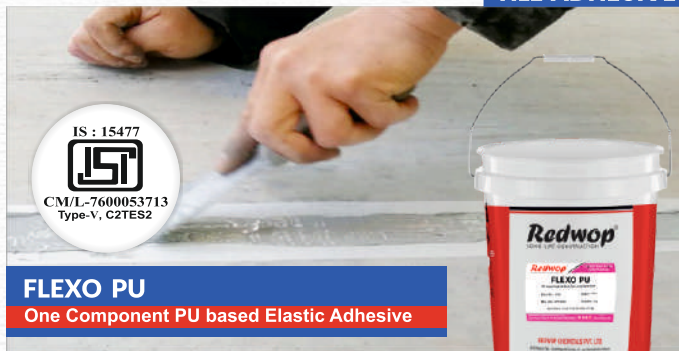


Product Selection &
Coverage Calculation

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TILE ADHESIVE



FLEXPOLY PU

One Component PU based Elastic Adhesive

APPLICATION AREA

- All concrete surface
- Balconies, verandah
- Flooring and walls, for internal and external use, in domestic, commercial and industrial applications, for street furniture, heated subfloors also in areas subject to thermal shock & freezing

Grade
Type-V
C2TES2

APPLICATION PROCEDURE

- Mix FLEXPOLY PU well with the help of mechanical stirrer before use. Apply the paste with the help of Trowel on the prepared surface and place the tiles/ stones over it.

ADVANTAGES

- Good bonding between substrate and tile/ stones.
- Used on internal and external surface.
- Based on modified PU hence, suitable for all types of surface
- Imparts excellent substrate adhesion

PROPERTIES

Appearance	Paste
Color	White
Shear Strength	>3.4 N/mm ² @28days
Tensile Strength ASTM D412	>3 N/mm ² @28days

PACK SIZE

- 2, 5, 10 & 20 kg Set



Product Selection &
Coverage Calculation

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TILE ADHESIVE



REDELITE[®] R

Epoxy Stone Adhesive

APPLICATION AREA

- Stone on stone
- Glass on glass
- Ceramic tiles
- Rubber
- Plastic

APPLICATION PROCEDURE

- Mix resin and hardener thoroughly & appropriately, Apply mix directly with a spatula to the pretreated and dry joint surfaces.

ADVANTAGES

- Easy to Use
- Durable Bonding
- Useful in both Industrial & Residential Application
- No Effect on Esthetic View
- Versatile Adhesive

COMPLIANCE STANDARD

- EN 12004 & ISO 13007, ANSI A118.4

PROPERTIES

Mixed Appearance	Slight Yellowish Paste
Cure Time	4 to 6 hours @23°C
Full Time	10 hours @23°C

PACK SIZE

- 18, 36, 90, 180, 450, 900 gm, 1.8 & 9 kg Set



Product Selection &
Coverage Calculation

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TILE ADHESIVE



REDELTITE® STD

For wood to wood Application

APPLICATION AREA

- Stone on stone, Glass on glass
- Ceramic tiles, Rubber, Plastic

APPLICATION PROCEDURE

- Mix resin and hardener thoroughly & appropriately. Apply mix directly with a spatula to the pretreated and dry joint surfaces.

ADVANTAGES

- Durable bonding
- No effect on aesthetic view
- Versatile adhesive
- Useful in both industrial and residential application

PROPERTIES

Mixed Appearance	Yellowish Paste
Cure time	5 to 8 hours@23°C
Full cure	16 hours @23°C

PACK SIZE

- 1.8 & 9 kg Set

INDUSTRIAL GROUTS



GR-65

Machine Foundation Grout / Non-Shrink Grout

APPLICATION AREA

- Grouting of base plates of turbines, compressors, boiler feed pumps etc.
- For anchoring a wide range of fixings these include masts, anchor bolts and fence posts

APPLICATION PROCEDURE

- Make highly flow able paste mixing water powder in ratio of 0.18.

ADVANTAGES

- GR-65 have no metallic iron contain to cause staining
- As it is free flowing grout it will provide high level of contact with load bearing areas
- Gaseous expansion system compensates for shrinkage and settlement in the plastic state
- Site batching variation can be reduced as this product comes in pre packed

PROPERTIES

Appearance	Grey Powder
Density	2200 to 2250 Kg/m³
Compressive Strength W/P : 0.18	>25 N/mm² @ 1 day >45 N/mm² @ 7 days >65 N/mm² @ 28 days
Pull out bond strength	>17 N/mm² @ 7 days >20 N/mm² @ 28 days
Flexural strength	>10 N/mm² @ 28 days
Coefficient of thermal expansion	11 X 10 ⁻⁶ °C
Pressure to restrain plastic expansion	0.004 N/mm² approx.

PACK SIZE

- 25 kg Bag



Product Selection &
Coverage Calculation

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Product Selection &
Coverage Calculation

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INDUSTRIAL GROUTS



ARACONE® GR45

Machine Foundation Grout/Non-Shrink
Free Flowing Grout

APPLICATION AREA

- In heavy duty support beneath load bearing structure
- In heavy reciprocating equipment's, compressors, pump sets, pulverizing mills, metal shearing

APPLICATION PROCEDURE

- Add water as per requirement between 4.5 to 4.75 liters per 25 kg bag. Place the grout within 20 minutes of mixing to gain full benefit of the expansion process. Start curing when grout reaches 'touch-hard' and cure properly for at least 7 days.

ADVANTAGES

- Ease in application
- Excellent adhesion to most of the exterior surfaces
- Balanced mechanical properties
- Gives excellent water Resistance

PROPERTIES

Appearance	Grey Powder
Density	2100 to 2150 Kg/m ³
Compressive Strength	>10 N/mm ² @ 1 day >35 N/mm ² @ 7 days >45 N/mm ² @ 28 days

PACK SIZE

- 25 kg Bag



Product Selection &
Coverage Calculation

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INDUSTRIAL GROUTS



ARACONE® AT

Non-shrink, Free Flow, Extra high
Strength Grout

APPLICATION AREA

- Effective grouting of base plates and bolt pockets of Turbo Generators, Diesel Generating sets, Crane & Transporter Rails Even with high wheel loadings, Heavy Reciprocating equipment.
- Compressors, Pump sets, Pulverizing mills, Metal Shearing and Processing Machines, Steel Rolling Mill Beds, Cement, Textile, Granite and Paper Plant machinery.

APPLICATION PROCEDURE

- Make highly flow able paste mixing water powder in ratio of 0.16

ADVANTAGES

- No need for external aids like rodding, poking, chaining etc.
- Site batching and blending variations eliminated Iron free
- No chance of deterioration by uncontrolled rust expansion, corrosion and staining of grout
- Does not cause corrosion of machine parts, anchor bolts etc.

PROPERTIES

Appearance	Grey Powder
Density	2200 to 2250 kg/m ³
Compressive Strength	>40 N/mm ² @ 1 day >70 N/mm ² @ 7 days >80 N/mm ² @ 28 days
Pull out bond Strength	>20 N/mm ² @ 7 days >35 N/mm ² @ 28 days

PACK SIZE

- 25 kg Bag



Product Selection &
Coverage Calculation

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INDUSTRIAL GROUTS



REP 65(CM)[®]
Epoxy Resin Free Flow Grout

APPLICATION AREA

- In place where heavy dynamic loads, chemical spillage is existing
- Steel works, refineries, electroplating works and chemical plants
- Re pro-filling and waterproofing work of pile caps

APPLICATION PROCEDURE

- Pour all the contents of the hardener packs into the base container. Mix using a slow speed power mixer until homogenous. Pour all the resultant liquid into a container with a capacity of 15 - 20 liters. Add all the filler provided for each product. Mix. Using a slow speed power mixer for 2 minutes or until a uniform color is achieved in the grout.

ADVANTAGES

- Under sustained loading possesses low creep characteristics
- Resistant to continuous dynamic loads
- Non-shrink and hence ensures complete surface contact and bond
- High compressive, tensile and flexural strengths
- Fast, convenient installation with early strength gain
- Resistance to wide range of chemicals like oil, grease, fat, mild acid, alkali, fresh and marine water.
- Possesses low exothermic reaction

PROPERTIES

Density kg/m ³	2000
Compressive Strength (ASTM C579)	100 N/mm ² @7days
Tensile strength (ASTM C307)	15 N/mm ² @7days
Flexural strength(ASTM C580)	29 N/mm ² @7days
Pot life	80 minutes

PACK SIZE

- 5 & 50 kg Pack



ANCHOSINE[®] P FIX
Polyster Anchor Grout for Baring Rebaring

APPLICATION AREA

- Installation of starter bars
- Base plate bolts
- MOT Bolts
- Installation of balustrades

APPLICATION PROCEDURE

- Drill hole d+2mm or d+4 mm as per requirement where d= Diameter of bar.
- All bars should be deformed. They should preferably be degreased and all flaky rust removed.
- Mix powder and hardener in given proportion and directly fill in the prepared hole within 15 min.
- Make sure that mix only required quantity because it is rapid hardening agent.

ADVANTAGES

- Easy to mix and apply and rapid strength gain
- Vibration resistant
- Corrosion resistant
- Non-expansive
- Can be placed underwater
- Two grades specifically for vertical and horizontal / overhead use

PROPERTIES

Mixed Appearance	Light Green Color Paste
Mixed Density	2100 to 2200 Kg/m ³
Compressive Strength	>75 N/mm ² @ 1 day >95 N/mm ² @ 7 days
Tensile Strength	>18 N/mm ² @ 1 day >23 N/mm ² @ 7 days
Tensile Strength	>45 N/mm ² @ 1 day

PACK SIZE

- 500 gm., 1 & 5 kg Set



Product Selection &
Coverage Calculation

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Product Selection &
Coverage Calculation

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LOW CE GROUT®

Use as Injection Material to Repair Old and Heritage Structures

APPLICATION AREA

- Injection grout in soil stabilization or heritage repair
- As a fill material between masonry walls
- As injection grout into damaged masonry walls
- As a binder for heritage fill mortars or lime terracing

APPLICATION PROCEDURE

- Completely remove the plaster / render in the affected area. Clearly mark out the areas to be injection grouted / filled. Holes about 12-15 mm in diameter are drilled in a zig zag pattern at an angle of 30 to 45° from the horizontal. In case, thickness of wall is more than 50 cm drill the wall from both sides. Keep vertical & horizontal spacing between the hole is 1/2 the thickness of wall. In any case, do not exceed the spacing beyond 30 cm. Clean the drill holes using compressed air or weigh out the water & LOW CE GROUT. Add LOW CE GROUT in water & mix mechanically for 2 to 3 minutes to get a smooth mixture. Add water if required to get the correct consistency. The material will normally cure by hardening and carbonation.
- Insert plastic packers or tubes into the drilled holes and secure them with a cement putty. LOW CE GROUT can then introduced through the packers into the wall at a low pressure pump. Repeat the process to ensure complete fill. Remove the packers and seal the holes with a polymer modified mortar. Allow the wall to dry out completely over the next few weeks. After drying, the wall can be treated as a crystallization based coating. Weigh out the water and LOW CE GROUT. Add LOW CE GROUT in water & mix mechanically for 2 to 3 minutes to get a smooth mixture. Add water if required, to get the correct consistency. The material will normally cure by hardening and carbonation. For best result use complete bag of LOW CE GROUT.

ADVANTAGES

- Non-Shrink, Waterproof, Crack Resistant & OPC Free
- Breathable Lime based binder for Heritage Structures
- Reasonably waterproof and water resistant
- Needs minimal curing, air cures by lime carbonation
- Non segregating, stable
- Traditional Lime based system

PROPERTIES

Appearance	Off-White Powder
Sp. Gravity	1.7 ± 0.05
Pot life	25 to 30 min
Compressive Strength	~ 5 N/mm² @ 28days

PACK SIZE

- 25 kg Bag



Product Selection & Coverage Calculation

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EXPA® 200

Hydrogen free expanding Grout Admixture

APPLICATION AREA

- Bed plate grouting , Duct grouting
- Grouting tunnel lining
- Grouting in bridge structures
- Non-shrink infilling grouts
- Post tensioned cables

APPLICATION PROCEDURE

- It shall be ensured that areas to be grouted are clean, sound, and then pre wetted. The unrestrained surface area of the grout must be kept ton a minimum. The selected water content should be accurately measured into the mixer.
- The cement (& sand if required) shall be slowly added to EXPA 200. Mixing shall be continued for 5 minutes, making sure that a smooth even consistency is obtained.
- The grout shall be placed within 20 minutes of mixing to gain the full benefit of the expansion process.
- Usual placing or pumping procedures shall be adopted ensuring a continuous operation.

ADVANTAGES

- Low water to cement ratio ensures low permeability and long term performance.
- Chloride free, aluminum, sulphide & sulphate, Iron free.
- Low permeability and long term durability in service.

PROPERTIES

Appearance	Dark Brown Powder
Time For Expansion	15 minute to 2 hour
Expansion %	0.5 to 2
Sulphate Content	Nil
Aluminium Content	Nil
Chloride Content	Nil

PACK SIZE

- 225 gms Pouch & 20 kg Bag

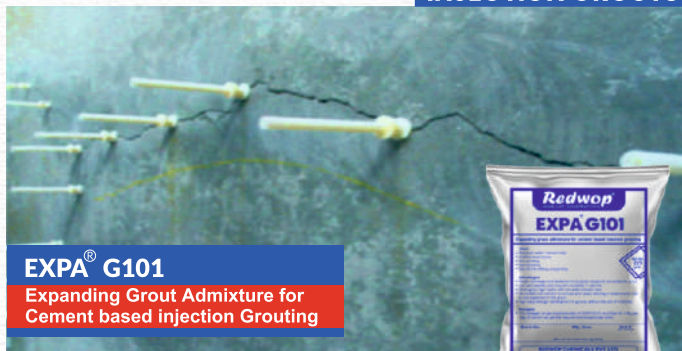


Product Selection & Coverage Calculation

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INJECTION GROUTS



EXPA® G101

Expanding Grout Admixture for
Cement based injection Grouting

APPLICATION AREA

- Reduced water / cement ratio
- Positive expansions
- Bed grouting, Duct grouting
- Non-shrink infilling and jointing

APPLICATION PROCEDURE

- It shall be ensured that areas to be grouted are clean, sound, and then pre wetted. The unrestrained surface area of the grout must be kept to a minimum. The selected water content should be accurately measured into the mixer.
- The cement (& sand if required) shall be slowly added to EXPA G101. Mixing shall be continued for 5 minutes, making sure that a smooth even consistency is obtained.
- The grout shall be placed within 20 minutes of mixing to gain the full benefit of the expansion process.
- Usual placing or pumping procedures shall be adopted ensuring a continuous operation.

ADVANTAGES

- Plastic shrinkage and settlement in properly designed cementations grout
- Low permeability and long term durability in service
- Gives grout high fluidity with low water/cement ratio

PROPERTIES

Appearance	Dark Brown Powder
Time for Expansion	15 minutes to 2 hours
Chloride Content	Nil

PACK SIZE

- 225 gms Pouch & 20 kg Bag



Product Selection &
Coverage Calculation

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INJECTION GROUTS



INJECTOFIL®

Low Viscous Epoxy Injection
Resin Grout

APPLICATION AREA

- Injecting into cracks, honeycombs and cavities in concrete structures & structural cracks
- Grouting base plates with very narrow gaps (<10mm)

APPLICATION PROCEDURE

- The two components of INJECTOFIL shall be individually stirred and then mixed and injected into the nipples through a suitable injection pump exerting a uniform pressure.

ADVANTAGES

- Low viscosity can help injecting into fine cavities and narrow gaps
- It has high tensile and compressive strength which ensure long life span of structure
- High mechanical strength grout will performs even under heavy loads and stresses
- Excellent adhesive strength
- High range of chemical resistant performance

PROPERTIES

Mixed Appearance	Yellowish Liquid
Mixed Density	1.08 to 1.10 gm/cm ³
Compressive Strength	70 N/mm ² @ 7 days
Tensile Strength	18 N/mm ² @ 7 days
Flexural Strength	55 N/mm ² @ 7 days
Pot Life	30 min @ 30°C

PACK SIZE

- 7.5, 15 & 30 kg Set



Product Selection &
Coverage Calculation

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INJECTION GROUTS



REDWOP® PU 200

Semi rigid flexible Foam Polyurethane Injection Resin

APPLICATION AREA

- For permanent watertight sealing in concrete, brickworks and natural stones

APPLICATION PROCEDURE

- Identify the area to be injected.
- Install injection packers of suitable diameter and length.
- Ensure injection packers are tightly installed to avoid packer failure during injection process.

ADVANTAGES

- Non shrink grout
- Good penetration in to cracks
- Chemical resistance
- Long lasting
- Solvent free eco friendly

PROPERTIES

Appearance	Dark Brown Liquid
Viscosity in mpa.s@ 23°C	140
Density gm/cm³	1.22 to 1.26
Pot life	30 minutes @23°C

PACK SIZE

- 10 kg Container



Product Selection & Coverage Calculation

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TILE GROUT



EPTILE® GROUT

Epoxy Tile Grout

APPLICATION AREA

- Wall, floor, swimming pool tile joints
- Food and beverage factories
- Indoor and outdoor joints

APPLICATION PROCEDURE

- Mix base, hardener and filler in given proportion then apply directly on prepared joints with the help of trowel & after 30 minutes remove the extra surplus with the help of sponge.

ADVANTAGES

- Satin free attractive joints
- Easy in maintenance and highly durable with chemical & temperature resistance properties
- High joint bond strength

PROPERTIES

Water absorption	Nil
Setting time	Approx. 8 hours
Pot life	Approx. 2 hours @ 30°C
Colors available	24 shades
Coverage	Visit our website

PACK SIZE

- 1, 5 & 20 kg Set



Product Selection & Coverage Calculation

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www.redwop.net

TILE GROUT



TERATILE™ GROUT

Polymer Modified Grout for Wall & Floor Tile Joint

APPLICATION AREA

- Wall, floor
- Indoor and outdoor tiles / stones joints

APPLICATION PROCEDURE

- Mix powder and water in approx. W/C= 0.3 properly than apply directly on prepared joints with the help of trowel and after 30 minutes remove the extra surplus with the help of sponge. Mix 200 ml of POLY GROUT admixture to increase strength and durability of tile joints.

ADVANTAGES

- Satin free attractive joints
- Easy in maintenance and highly durable with chemical & temperature resistance properties
- High joint bond strength

PROPERTIES

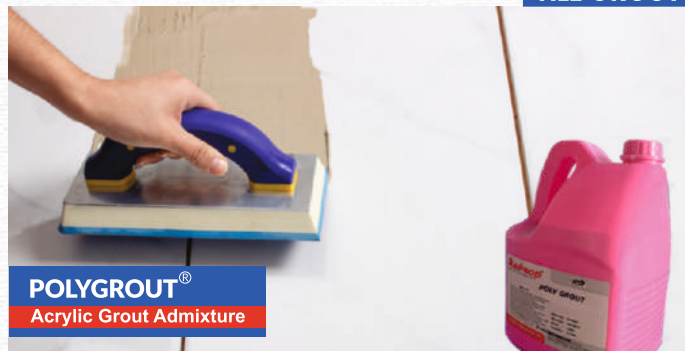
Water absorption	Nil
Setting time	Approx. 8 hours
Pot life	Approx. 2 hours @ 30°C
Colors available	24 shades
Shrinkage	<0.1%
Coverage	Visit our website

PACK SIZE

- 500 gm, 1, 5 & 20 kg Pack



TILE GROUT



POLYGROUT®

Acrylic Grout Admixture

APPLICATION AREA

- Ceramic, Vitrified tile, Marble, Granite
- In exterior application to resist freezing and thawing action

APPLICATION PROCEDURE

- Mix tile grout powder to POLYGROUT and add water as per requirement. Apply the prepared mix to the tile joints with the help of trowel and remove surplus grout simultaneously.

ADVANTAGES

- Highly water resistant
- Increases grout flexibility
- Easy to clean
- Produces high performance grout
- Natural antibacterial

COMPLIANCE STANDARD

- EN 13888:2009

PROPERTIES

Color	White Liquid
Toxicity	Non Toxic
Durability	Excellent

PACK SIZE

- 100ml, 200ml, 500ml, 1 Lit., 5 Lit. & 20 Lit. Pack



Product Selection &
Coverage Calculation

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Product Selection &
Coverage Calculation

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CONCRETE ADMIXTURE



PLASTCONE® AP211

Water Reducing Concrete Admixture

APPLICATION AREA

- All type of concrete works
- RCC and PCC works
- Loading and Non loading structure

APPLICATION PROCEDURE

- The recommended dosage as per guidance is 0.60 to 1.20 % of cementitious content.

ADVANTAGES

- Reduce water demand in concrete
- Create high strength concrete
- To create Impervious and dense concrete

COMPLIANCE STANDARD

- IS 9103:1999

PROPERTIES

Appearance	Free Flowing thin Liquid
Sp. Gravity	1.15 to 1.17 @25°C
Non Volatile Content	13 ± 0.05%
PH Value	11 to 13
Setting time	Same as control Concrete
Chloride Contents	Nil

PACK SIZE

- 5, 10, 20, 50 & 200 kg Drum



PLASTCONE® AW+

Integral Waterproofing Compound

APPLICATION AREA

- All type of RCC and PCC works
- Impervious and dense concrete
- Sunken and thin slab

APPLICATION PROCEDURE

- The dosage ratio depends on mix design and site specification requirements, recommended dosage as a guideline is 200 to 250ml for 50kg Cement

ADVANTAGES

- Produces high strength impervious concrete
- Chloride content Nil
- Reduce water cement ratio

COMPLIANCE STANDARD

- IS 9103:1999

PROPERTIES

Appearance	Light Brown Colored Liquid
Sp. Gravity	1.012 ± 0.02 @ 25°C
PH Value	7 to 10
Setting Time	Same as control Concrete
Chloride Content	Nil
Alkali Content	Nil

PACK SIZE

- 500 ml, 1, 5, 10, 20, 50 & 200 Lit. Pack



Product Selection &
Coverage Calculation

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Product Selection &
Coverage Calculation

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PLASTCONE® HS200
Superplasticizer

APPLICATION AREA

- All type of high and low raise buildings
- RCC and PCC works
- Load bearing & Non loading bearing structure

APPLICATION PROCEDURE

- The recommended dosage as per guidance is 0.60 to 1.20 % of cementitious content.

ADVANTAGES

- Reduce water cement ratio
- Produce high strength concrete
- Creates Impervious and dense concrete

COMPLIANCE STANDARD

- IS 9103:1999, CM/L - 7600149811

PROPERTIES

Appearance	Free Flowing Brown Liquid
Sp. Gravity	1.05 to 1.15 @25°C
Chemical Base	Naphthalene
PH Value	7 to 10
Setting time	Same as control Concrete
Chloride Content	Nil

PACK SIZE

- 50 & 220 kg HDPE Drum



PROCRETE® R75
PC based high range super plasticizer

APPLICATION AREA

- Mass concreting works
- Concrete with high strength properties
- Self compacting concrete

APPLICATION PROCEDURE

- The recommended dosage as per guidance is 0.60 to 1.00 % of cementitious content.

ADVANTAGES

- High reduction in water cement ratio
- Produces highly workable concrete
- Increase flexural and initial compressive strength

COMPLIANCE STANDARD

- IS 9103:1999, CM/L - 7600149811

PROPERTIES

Appearance	Light Brown Liquid
Sp. Gravity	1.07 ± 0.03 @ 25°C
Chemical Base	Polycarboxylate Ether
PH Value	7 to 10
Setting Time	Same as control Concrete
Chloride Content	Nil

PACK SIZE

- 50 & 220 kg HDPE Drum



CONCRETE ADMIXTURE



PROCRETE® S15

PC Based Water reducer Admixture

APPLICATION AREA

- All type of concrete works
- RCC and PCC works
- Loading and Non loading structure

APPLICATION PROCEDURE

- The recommended dosage as per guidance is 0.60 to 1.20 % of cementitious content.

ADVANTAGES

- Reduce water demand in concrete
- Create high strength concrete
- To create Impervious and dense concrete

COMPLIANCE STANDARD

- IS 9103:1999, CM/L - 7600149811

PROPERTIES

Appearance	Brown Color Liquid
Chemical Base	Polycarboxylate Ether
Sp. Gravity	1.05 to 1.10 @ 27°C
PH Value	7 to 8
Chloride Content	Nil

PACK SIZE

- 220 kg Drum



CONCRETE ADMIXTURE



REDBRAWN® 601

PC based Mild Performance Superplasticizer

APPLICATION AREA

- Mass concreting works
- Concrete with high strength properties
- Self compacting concrete

APPLICATION PROCEDURE

- The recommended dosage as per guidance is 0.60 to 1.00 % of cementitious content.

ADVANTAGES

- High reduction in water cement ratio
- Produces highly workable concrete
- Increase flexural and initial compressive strength

COMPLIANCE STANDARD

- IS 9103:1999, CM/L - 7600149811

PROPERTIES

Appearance	Reddish Brown Liquid
Sp. Gravity	1.06 to 1.09 @ 25°C
PH Value	11 to 12

PACK SIZE

- 220 kg HDPE Drum



Product Selection &
Coverage Calculation

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Coverage Calculation

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CONCRETE ADMIXTURE



REDBRAWN® 800

PC based High Performance Superplasticizer

APPLICATION AREA

- Mass concreting works
- Concrete with high strength properties
- Self compacting concrete

APPLICATION PROCEDURE

- The recommended dosage as per guidance is 0.60 to 1.00 % of cementitious content.

ADVANTAGES

- High reduction in water cement ratio
- Produces highly workable concrete
- Increase flexural and initial compressive strength

COMPLIANCE STANDARD

- IS 9103:1999, CM/L – 7600149811

PROPERTIES

Appearance	Reddish Brown Liquid
Sp. Gravity	1.10 to 1.15 @ 25°C
PH Value	7 to 8.5

PACK SIZE

- 220 kg HDPE Drum



CONCRETE ADMIXTURE



REDBRAWN® 400

PC based Superplasticizer

APPLICATION AREA

- Mass concreting works
- Concrete with high strength properties
- Self compacting concrete

APPLICATION PROCEDURE

- The recommended dosage as per guidance is 0.60 to 1.00 % of cementitious content.

ADVANTAGES

- High reduction in water cement ratio
- Produces highly workable concrete
- Increase flexural and initial compressive strength

COMPLIANCE STANDARD

- IS 9103:1999, CM/L – 7600149811

PROPERTIES

Appearance	Reddish Brown Liquid
Sp. Gravity	1.04 to 1.06 @ 25°C
PH Value	11 to 12

PACK SIZE

- 220 kg HDPE Drum



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Coverage Calculation

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CONCRETE ADMIXTURE



BLOCKFAST® AC 100
Accelerator Admixture

USES

- Precast concrete works
- Prestressed concreting
- AAC blocks

APPLICATION PROCEDURE

- The recommended dosage as per guidance is 0.6 to 1.5 % of cementitious content

ADVANTAGES

- Concrete accelerator
- Easy & early mould release
- Smooth and glossy surface finishing

COMPLIANCE STANDARD

- IS 9103:1999, BS 5075-1985 part-3

PROPERTIES

Appearance	Light Brown Liquid
Sp. Gravity	1.35 to 1.37 @ 25°C
PH Value	7 to 8
Chloride Contents	Nil

PACK SIZE

- 250 kg Drum

CONCRETE ADMIXTURE



POLYCOTE® CWP ADMIX (L)
Crystalline Waterproofing Admixture
for Concrete and Mortars

USES

- Building Basement & foundations Sewage & water treatment plants, Highways, Dams & canals, Tunnels, Harbors and subway systems
- Water reservoirs ,Concrete pipes, Parking structures, Pre-Cast, Cast-in-Place and Shotcrete applications
- Swimming pools, Retaining walls & sea defense walls, Jetty

APPLICATION PROCEDURE

- The recommended dosage as per guidance is 1 to 2 % of cementitious content

ADVANTAGES

- Reduces penetration of water and other liquids
- Resists positive and negative side hydrostatic pressure
- Protects against sewage and industrial wastes
- It is compatible with most of concrete

COMPLIANCE STANDARD

- IS 9103:1999

PROPERTIES

Appearance	Brown Liquid
Density	1.15 to 1.20 @ 25°C
PH	7 to 8

PACK SIZE

- 200 kg Drum



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Coverage Calculation

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Coverage Calculation

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CONCRETE ADMIXTURE



POLYCOTE® CWP ADMIX (P)

Crystalline Waterproofing Admixture
for Concrete and Mortars

USES

- Building Basement, foundations, Sewage, water treatment plants, Dams, canals, Tunnels, Harbors Tunnel & subway systems, Water reservoirs, Concrete pipes & Parking structures, Pre-Cast, Cast-in-situ & Shotcrete applications
- Swimming pools, Retaining walls & sea defense walls
- Concrete with high strength properties

APPLICATION PROCEDURE

- POLYCOTE CWP ADMIX (P) can be added in T.M. & mix it for 30 min at site before pouring concrete.
- Place concrete quickly & compact it well. Ensure complete curing with a REDICURE curing compound.

ADVANTAGES

- Reduces penetration of water and other liquids
- Can seal hairline cracks up to 0.4 mm
- Resists positive and negative side hydrostatic pressure
- Protects against sewage and industrial wastes

COMPLIANCE STANDARD

- IS 9103:1999

PROPERTIES

Appearance	Grey Powder
Bulk Density	1.350 @ 25°C
Chloride Contents	Nil

PACK SIZE

- 20 kg Bag



Product Selection &
Coverage Calculation

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CONCRETE ADMIXTURE



PLASTCONE® BPO

Bi-Polar Corrosion Inhibiting Admixture

APPLICATION AREA

- RCC Structure
- RCC Roads, Cannel, Tunnel

APPLICATION PROCEDURE

- The recommended dosage as per guidance is 0.5 to 1 % of cementitious content.

ADVANTAGES

- Reduces maintenance cost for reinforcement in structure
- Improvement in durability of RCC structure
- RCC roads, canal, tunnel will get greater working life

COMPLIANCE STANDARD

- IS 9103:1999

PROPERTIES

Appearance	Free Flowing Thin Liquid
Sp. Gravity	1.15 to 1.20 @25°C
PH Value	8 to 10
Chloride Content	Nil

PACK SIZE

- 50 & 250 kg Drum



Product Selection &
Coverage Calculation

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WATERPROOFING



BUTABOND™ SBR

Latex based mortar & screed modifier bonding agent

APPLICATION AREA

- Waterproofing of small roof terraces, sunken portions of toilet & bathrooms, chajjas & lift pits, balconies & stair cases
- Liquid & effluent tanks, car deck and walk ways
- Repairs of plaster cracks more than 5 mm & in gaps developed between masonry and RCC members

APPLICATION PROCEDURE

- Typical mix design
 1. Patching and Repair mortars and plaster for Masonary

Cement	50 kg
Zone II sand	150 kg
Butabond SBR Latex	5-9 liters
Recommended Water addition	11-15 liters
Recommended Thickness	8 to 30mm

2. Waterproofing Coating

Butabond SBR	2 Lit.
Water	4 Lit.
Cement	7 kg

ADVANTAGES

- Prevents leakage & dampness
- It prevents cracking by improving flexural strength
- Reduces drying & aging shrinkage cracks
- Bonds strongly to concrete, masonry, stone work, plasters, steel, asphalt & most of the building materials

PROPERTIES

Appearance	White Liquid
Sp. gr	1.00 to 1.04
Solid content	30 to 32 %
Hard dry	5 to 6 hours

PACK SIZE

- 100, 250, 500 ml, 1, 5, 20, 50 & 200 Lit. Pack



Product Selection &
Coverage Calculation

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WATERPROOFING



BUTABOND™ SBR SL

Styrene Butadiene latex Waterproofing

APPLICATION AREA

- Repair of cracks and waterproof plastering for masonry structures and Prevents leakage & dampness
- Liquid & effluent tanks, car deck and walk ways repair works
- Masonry and RCC members

APPLICATION PROCEDURE

- **Typical Mix Design:**

1. Patching and Repair Mortars and Plaster for Masonary

Cement	50 kg
Zone II sand	150 kg
Butabond SBR SL	5-9 liters
Recommended Water Addition	11-15 liters
Recommended Thickness	8 to 30mm

2. Waterproofing Coating

Butabond SBR SL	2 Ltr.
Water	4 Ltr.
Cement	7 kg.

ADVANTAGES

- Ease in application as it is one component
- It prevents cracking by improving flexural strength
- Reduces drying & aging shrinkage cracks which ultimately decrease permeability
- Excellent bond to concrete, masonry, stone work, plasters, steel, asphalt & most of the building materials

PROPERTIES

Appearance	White Liquid
Sp. Gr	1.00 to 1.04
Solid Content	40 to 44 %
Hard Dry	5 to 6 hours

PACK SIZE

- 500 ml, 1, 5, 20, 50 & 200 Lit. Pack



Product Selection &
Coverage Calculation

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POLYCOTE® WH

Single component polymer for cement based waterproofing coating

APPLICATION AREA

- Roofs , terraces , toilet , bathrooms, reservoirs, canals etc .
- Exterior walls
- Reservoirs and channels
- End walls subjected to rain in all low and high rise buildings

APPLICATION PROCEDURE

- Mix POLYCOTE WH, water and cement in ratio of (1:2:4) then apply the paste using brush over the prepared surface.

ADVANTAGES

- Ease in application
- Excellent adhesion to most of the exterior surfaces
- Balanced mechanical properties
- Gives excellent water Resistance

PROPERTIES

Appearance	White Liquid
Pot Life	Approx 4 hours
Coverage	16 to 17 m ² / Lit.

PACK SIZE

- 1, 5, 20, 50 & 200 Lit. Pack



POLYCOTE® WH 50

Single Component Acrylic Polymer

APPLICATION AREA

- Roofs, terraces and balconies as a sandwich layer
- Pools and fountains
- Reservoirs and channels
- End walls subjected to rain, Exterior Walls

APPLICATION PROCEDURE

- Mix POLYCOTE WH 50, water and cement in ratio of (1:2:4) then apply the paste using brush over the prepared surface.

ADVANTAGES

- Ease in application
- Excellent adhesion to most of the exterior surfaces
- Balanced mechanical properties
- Gives excellent water Resistance

PROPERTIES

Appearance	White Liquid
Sp. Gravity	1.02 to 1.05
Pot Life	30 min @ 30°C
Coverage	16 to 17 m ² / Lit.

PACK SIZE

- 20, 50 & 200 Lit. Pack



Product Selection &
Coverage Calculation

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Coverage Calculation

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WATERPROOFING



POLYCOTE® WH - 100

Acrylic Transparent Coating for Exteriors

APPLICATION AREA

- Roofs and terraces
- Exterior walls
- Reservoirs and channels
- End walls subjected to rain in all low & high rise buildings

APPLICATION PROCEDURE

- Shake well before use and directly apply using Brush/Roller on prepared surface.

ADVANTAGES

- Tough & non yellowing under harsh environment
- Excellent adhesion to most of the exterior surfaces
- Balanced mechanical properties
- Gives excellent water Resistance

PROPERTIES

Appearance	Transparent Liquid
Solid Content	50 ± 1%
Viscosity	1000 to 2000 m pa. s
Type of Emulsion	Anionic
Coverage	40 to 50 ft ² / Lit.

PACK SIZE

- 1, 5, 10 & 20 Lit. Pack



Product Selection &
Coverage Calculation

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WATERPROOFING



POLYCOTE® WH CRETE

Single component 100% acrylic modified waterproofing system

APPLICATION AREA

- Roofs, terraces and balconies as a sandwich layer
- Pools and fountains
- Reservoirs and Channels
- End walls subjected to Rain Exterior Walls

APPLICATION PROCEDURE

- 1 part of POLYCOTE WH CRETE: 2 parts of Water: 4 parts of Cement, Mix properly & Apply using Brush.

ADVANTAGES

- Ease in application
- Excellent adhesion to most of the exterior surfaces
- Excellent result on microbial resistance
- Gives excellent water Resistance

PROPERTIES

Appearance	White Liquid
PH	9 to 10
Pot life	30 min @30°C
Coverage	16 to 17 m ² / lit

PACK SIZE

- 1, 5, 20, 50 & 200 Lit. Pack



Product Selection &
Coverage Calculation

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POLYCOTE® BB

Acrylic Polymer Modified Elastomeric Waterproofing Membrane

APPLICATION AREA

- Water tanks, reservoirs, swimming pools
- Roofs and terrace of all types of low and high rise building
- To protect against concrete decay providing a long lasting barrier to waterborne corrosive salts and atmospheric gases

APPLICATION PROCEDURE

- Mix POLYCOTE BB powder in POLYCOTE BB liquid thoroughly in given proportion. Apply on prepared surface with the help of roller / brush. Priming is necessary to get high durable waterproofing system.

ADVANTAGES

- Minimum surface preparation needed low labor costs
- Applied directly to the damp concrete and masonry
- Excellent adhesion bonds to porous and nonporous surfaces
- Non-toxic-ideal for potable water tanks
- Excellent for damp-proofing basements

PROPERTIES

Mixed Appearance	Grey Fluid
Tensile Strength	> 2 N/mm ² @ 28 days
Pot Life	Approx.4 hours @ 20°C
Resistance to Positive Hydrostatic Pressure	7 bar
Coverage	1.5 kg / m ² @ 1 mm thickness

PACK SIZE

- 3, 15, 30 & 150 kg Pack



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net



POLYCOTE® BBX

Elastomeric Waterproofing Membrane

APPLICATION AREA

- Water tanks, reservoirs, swimming pools
- Roofs and terrace of all types of low and high rise building
- To protect against concrete decay providing a long lasting barrier to waterborne corrosive

APPLICATION PROCEDURE

- Mix POLYCOTE BBX powder in POLYCOTE BBX liquid thoroughly in given proportion. Apply on prepared surface with the help of roller / brush. Priming is necessary to get high durable waterproofing system.

ADVANTAGES

- Minimum surface preparation needed low labor costs
- Applied directly to the damp concrete and masonry
- Excellent adhesion bonds to porous and nonporous surfaces
- Non-toxic-ideal for potable water tanks
- Excellent for damp-proofing basements

PROPERTIES

Mixed appearance	White Fluid
Tensile strength	> 2 N/mm ² @ 28 days
Pot life	Approx.4 hours @ 20°C
Resistance to positive hydrostatic pressure	7 bar
Coverage	1.5 kg / m ² @ 1 mm thickness

PACK SIZE

- 3, 15, 30 & 150 kg Pack



Product Selection &
Coverage Calculation

Visit Our Website

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POLYCOTE® BB EXTRA

Acrylic Polymer Modified Elastomeric Waterproofing Membrane

APPLICATION AREA

- Water tanks, reservoirs, swimming pools
- Roofs and terrace of all types of low and high rise building
- To protects against concrete decay providing a long lasting barrier to waterborne corrosive salts and atmospheric gases

APPLICATION PROCEDURE

- Mix POLYCOTE BB powder in POLYCOTE BB liquid thoroughly in given proportion. Apply on prepared surface with the help of roller / brush. Priming is necessary to get high durable waterproofing system.

ADVANTAGES

- Minimum surface preparation needed low labor costs
- Applied directly to the damp concrete and masonry
- Excellent adhesion bonds to porous and nonporous surfaces
- Non-toxic-ideal for potable water tanks
- Excellent for damp-proofing basements

PROPERTIES

Mixed Appearance	Grey Fluid
Tensile Strength	> 2 N/mm ² @ 28 days
Pot Life	Approx.4 hours @ 20°C
Resistance to Positive Hydrostatic Pressure	7 bar
Coverage	1.5 kg / m ² @ 1 mm thickness

PACK SIZE

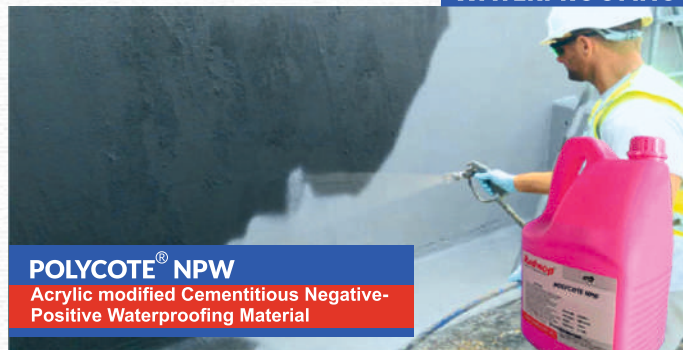
- 20 kg Pack



Product Selection &
Coverage Calculation

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POLYCOTE® NPW

Acrylic modified Cementitious Negative-Positive Waterproofing Material

APPLICATION AREA

- Potable water retaining structures
- Potable water excluding structures
- Internal basement waterproofing
- Drainage culverts

APPLICATION PROCEDURE

- Mix thoroughly powder and liquid in given proportion than apply using brush/ roller on prepared surface.

ADVANTAGES

- Withstands high positive and negative hydrostatic pressures
- Excellent crack accommodation before and after immersion
- Approved for use in contact with potable water
- Excellent bond to concrete and masonry
- Long working life
- Easy application by brush, trowel or spray
- Bonds to green or damp concrete

PROPERTIES

Mixed Appearance	Grey Paste
Pot life	2 hours @ 20°C
Mixed Density	1.8 gm/cc
VOC Content	0 mg/ lit
Coverage	100 to 120 ft ² /20 kg pack @ 1 mm thickness

PACK SIZE

- 20 kg Set



Product Selection &
Coverage Calculation

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WATERPROOFING



POLYCOTE® CWP

Crystalline Capillary Waterproofing System for Cementitious Substrates

APPLICATION AREA

- Sewage Treatment
- Water treatment plants
- Tanks ,Foundation , Tunnels & manholes
- Terrace garden, Balcony, Sun Shades

APPLICATION PROCEDURE

- Mix POLYCOTE CWP powder and water in ratio of approx. W /C =0.3 and apply using brush.

ADVANTAGES

- Penetrates concrete seals capillary tracts
- Contains no chloride
- Easy to apply
- Waterproof retrospective cracks up to 0.4mm

PROPERTIES

Appearance	Powder
Bulk Density	1.1 kg/cc
Compressive Strength	18 N/mm ² @ 7 days 28 N/mm ² @ 27 days
Water Resistance	13 bar Negative Pressure
Coverage	1.5 kg/m ² as Waterproofing Coating

PACK SIZE

- 20 kg Bag



Product Selection &
Coverage Calculation

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WATERPROOFING



SUPERKOT® N

Liquid Membrane Waterproofing

APPLICATION AREA

- Building Roofs / Terraces – Flat & Slope
- RCC Structure, Masonry Walls of all types low & high rise buildings
- Cooling Tower, Bridges

APPLICATION PROCEDURE

- Shake well before use and directly apply using Brush/ roller on prepared surface.

ADVANTAGES

- Provides higher dry film thickness of minimum 1 mm in three coat application and Good Crack capacity
- Can be used for flat as well as sloping roofs
- It is Breathable
- UV resistance with excellent waterproofing capacity
- Nontoxic and ecofriendly as it is lead free

PROPERTIES

Appearance	White Liquid
Elongation Surface	> 100 %
Dry Time	30 min
Recoating Interval	4 to 5 hours @ 30° C
Coverage	40 to 50 ft ² / lit. as Waterproofing Coating 70 to 80 ft ² / lit. as paints

PACK SIZE

- 5, 10, 20 Lit. Bucket



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

WATERPROOFING



SUPERKOT®

Heavy duty Reinforced Acrylic
Waterproof Coating for Terrace

APPLICATION AREA

- Building Roofs / Terraces– Flat & Slope
- RCC Structure, Masonry Walls of all types low & high rise buildings
- Cooling Tower & Bridges

APPLICATION PROCEDURE

- Shake well before use and directly apply using Brush/ roller on prepared surface.

ADVANTAGES

- Provides higher dry film thickness of minimum 1 mm in three coat application & Good Crack capacity
- Can be used for flat as well as sloping roofs
- It is Breathable
- UV resistance with excellent waterproofing capacity
- Nontoxic and ecofriendly as it is lead free

PROPERTIES

Appearance	White Liquid
Elongation	> 150 %
Surface dry time	30 min
Recoating Interval	4 to 5 hours @ 30°C
Coverage	2m² per liter per coat

PACK SIZE

- 1, 5, 10, 20 Lit. Bucket



Product Selection &
Coverage Calculation

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WATERPROOFING



PRIMKOT®

Aliphatic Acrylic based liquid primer

APPLICATION AREA

- All types of PCC, RCC, EPDM, PVC, bitumin and asphalts felts as waterproofing paints
- Precast concrete structure, roofs, balconies, terrace and verandas
- Bridge-decks, tunnels, stadium stands, water tanks, Marine structures and structure

APPLICATION PROCEDURE

- Mix PRIMKOT well before use. Apply the mix with the help of brush on the prepared surface.

ADVANTAGES

- UV resistance
- Excellent adhesion bonds to porous and nonporous surfaces
- Non-toxic-ideal for potable water tanks
- Excellent for concrete roof, leaking brick and masonry walls
- Good resistance to Carbon dioxide and Chloride ion diffusion

PROPERTIES

Appearance	White Viscous Liquid
Specific Gravity	1.25 to 1.28 gm/cm³
Pot life	45 min @27°C
Tensile Strength	2 N/mm²

PACK SIZE

- 5, 10 & 20 Lit. Pack



Product Selection &
Coverage Calculation

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WATERPROOFING



SMARZKOT® CLASSIC

2K Elastic Waterproofing

APPLICATION AREA

- Roofs, Balconies, Terrace, Verandas, Bridge-Decks
Tunnels, Stadium Stands, Water Tanks, Marine Structures

APPLICATION PROCEDURE

- Mix powder and liquid in given proportion given in pre weighed pack and directly apply on prepare surface with the help of brush/ Roller.

ADVANTAGES

- Breathable waterproofing coating
- excellent UV resistance properties
- Non-toxic-ideal for potable water tanks and other food manufacturing industrial
- Good resistance to Carbon dioxide and Chloride ion diffusion

PACK SIZE

- 10 & 20 kg Set



Product Selection &
Coverage Calculation

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www.redwop.net

WATERPROOFING



SMARZKOT® ADVANCED

Acrylic liquid membrane elastic waterproofing

APPLICATION AREA

- Old and New Concrete, Roofs, Balconies, Terrace,
Verandah, Bridge-Decks, Tunnels, Stadium Stands, Water Tanks,
Marine Structures etc

APPLICATION PROCEDURE

- Mix well before use in pre weighed bucket before application and directly apply on prepare surface with the help of brush/ Roller

ADVANTAGES

- Low water vapor transmission
- excellent UV resistance properties
- Eco-Friendly
- Non-toxic content
- Anti-carbonation properties

PACK SIZE

- 1, 5, 10 & 20 kg Set



Product Selection &
Coverage Calculation

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OTHER



SMARZKOT® B2FLEX
Rubberized Bituminous Waterproofing Membrane

APPLICATION AREA

- Tanking and waterproofing of substructures to provide an impervious membrane Vapour barrier of cladded walls
- Maintenance of many roof types including asphaltfelt roofs, concrete, cement, lightweight screeds, timber etc.
- As an adhesive for bonding insulation boards, expanded polystyrene, cork tiles etc. Damp proof membrane for roofs and floor slabs
- Efficient curing membrane to freshly laid concrete, Basements, Retaining walls

APPLICATION PROCEDURE

- Surface Preparation :All substrates must be sound, clean, dry, smooth and free from protrusions, voids, honey-comb, sand high spots. Presence of curing agents, paint and oil will impair adhesion.
- Moss and lichen must be removed & area treated with proprietary fungicidal wash to kill spores and inhibit further growth. Following treatment wash area thoroughly with clean water & allow drying. Fillets must be provided at corners or sharp angles using 4:1 sand and cement mortar modified with a good quality bonding agent BUTABOND SBR (SL).
- Priming : Priming is not normally required on good quality, well prepared substrates. Application : Apply SMARZKOT B2FLEX using an airless spray to obtain a continuous, unbroken film. Water can be added up to 5-10% during application to adjust consistency based on temperature and humidity. Apply four coats, with each coat being applied after the previous one has dried.
- For application with Glass Reinforcement Sheet (GRS), first apply one coat of SMARZKOT B2FLEX, then place the GRS on the applied material while the first coat is still wet. Roll a paint roller over the GRS to ensure it is bonded with the applied material, then apply the remaining coats of SMARZKOT B2FLEX.

ADVANTAGES

- High rubber content - 10 %
- Excellent adhesion to most building substrates
- Reduced chloride penetration
- Can be applied on damp substrates
- Non sagging, Single component, Water based
- Economical, easy to apply, reduces labour cost
- Can be applied on vertical and horizontal areas
- Impermeable to water, Elastic, seamless, joint free
- Unaffected by high ambient temperature
- Resistant to aggressive soils and contaminated ground water
- Low odour, dries without generating strong vapour

PACK SIZE

- 1, 5, 10 & 20 kg Pails



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

WATERPROOFING



SMARZKOT® WATERGUARD
Unique Spray Applied Single Component White Color Elastomeric Waterproofing Membrane

APPLICATION AREA

- Reservoir, Canals, Water tanks, Terrace
- Podium and many more where waterproofing is prerequisite.

APPLICATION PROCEDURE

- Surface Preparation :All substrates must be sound, clean, dry, smooth and free from protrusions, voids, honey-comb, sand high spots. Presence of curing agents, paint and oil will impair adhesion.
- Moss and lichen must be removed & area treated with proprietary fungicidal wash to kill spores and inhibit further growth. Following treatment wash area thoroughly with clean water & allow drying. Fillets must be provided at corners or sharp angles using 4:1 sand and cement mortar modified with a good quality bonding agent BUTABOND SBR (SL).
- Priming : Priming is not normally required on good quality, well prepared substrates. Application : Apply SMARZKOT WATERGUARD using an airless spray to obtain a continuous, unbroken film. Water can be added up to 5-10% during application to adjust consistency based on temperature & humidity. Apply four coats, with each coat being applied after the previous one has dried.
- For application with Glass Reinforcement Sheet (GRS), first apply one coat of SMARZKOT WATERGUARD, then place the GRS on the applied material while the first coat is still wet. Roll a paint roller over the GRS to ensure it is bonded with the applied material, then apply the remaining coats of SMARZKOT WATERGUARD.

ADVANTAGES

- Spray Application, easy to apply White Color Membrane
- High build properties ensures rapid application
- High elasticity, ensuring a permanently flexible barrier over a wide range of temperatures, Thermal Stability
- Screeding can be done easily over applied membrane after complete curing
- Suitable for Exterior application e.g. Terrace
- For Extended Life Waterproofing, application with GRS (Glass Reinforcement Sheet) is recommended
- Excellent adhesion & Good Crack bridging property
- Can be applied to range of substrates
- Out standing resistance to brittleness and oxidation
- Economical & High UV resistance
- Excellent heat reflection
- Provides excellent water tight structure

PACK SIZE

- 1, 5, 10 & 20 kg Pails



Product Selection &
Coverage Calculation

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www.redwop.net

**FLASHTRIP®**

Self-adhesive bituminous strip

APPLICATION AREA

- For sealing frames & skylights, parapets, glass & plastic structure
- For protecting: metal, plastic, asbestos cement, roofs and coverings in general
- For repairing: tiles, gutters, metal pipes, metal plate or asbestos cement roofs

ADVANTAGES

- Easy to fix and compatible with most building material.
- Cold applied, doesn't require heat or chemical bonding agents.

PROPERTIES

Appearance	Black
Flammable	Yes
Flesh Point	225°C

**BUTYWON**

Butyl Based Leak-Proof Flashing Tape

APPLICATION AREA

- Joints in various surface such as Metal, Cement, Concrete, Asbestos, Fiber, Polycarbonate, Plastic, Glass, Vinyl etc.
- Prevent leakages, Cover cracks

ADVANTAGES

- Excellent UV Resistance
- Remains flexible throughout its service life

PROPERTIES

Adhesive Material	Butyl Rubber
Solid Content	100%
Colour	Black, Grey
Specific Gravity	1.5 ± 0.15
Water Absorption	Less than 0.5%



**Product Selection &
Coverage Calculation**

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**Product Selection &
Coverage Calculation**

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SWELWOP®

Hydrophilic Swellable Water Bar
for Joint Sealing-Bentonite

APPLICATION AREA

- To seal construction joints
- Pipe, steel and pile cap penetrations through walls and base slabs

ADVANTAGES

- Swells in contact with water
- Resistant against water and various chemical substances
- Different types and dimensions available

PROPERTIES

Tensile Strength (IS 3400 (Pt-1):2012)	3 N/mm ²
Elongation (IS 3400 (Pt-1):2012)	150%
Hardness (IS 3400 (Pt-2):2003)	35 ± 5 (Shore A)
Swelling Ratio (Portable Water)	
After 24 hours	100 %
After 7 days (IS 3400 (Pt-6):2012/ ASTM D417)	300%



REDWOP® SEALEX 66

Flexible Sealing Tape

APPLICATION PROCEDURE

- Joint waterproofing tape for wall, floor junctions & movement joints.
- It is applied with tiles and natural stones
- For flexible waterproofing joints.

ADVANTAGES

- Ideal for sealing and waterproofing
- Excellent resistance to weathering
- UV radiation and chemically stable

PROPERTIES

Total width / Coating width	100 mm / 120 mm / 150 mm (Additional widths upon request)
Tensile strength lateral	3.0 bar
Tensile strength longitudinal	115 N / 20 mm
Tensile strength load lateral	46 N / 20 mm
Tear Resistance Lateral	48 N / mm ²
Maximum tensile strength elongation lateral	139%
Resistance to water pressure	> 1.5 bar
UV - Resistance	Yes



Product Selection &
Coverage Calculation

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Product Selection &
Coverage Calculation

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**BITUFLASH®**

APP Polymer modified bituminous
Waterproofing Membrane Sheet

APPLICATION AREA

- Underground RCC construction
- Garden above ground
- Corrosion protection to metal surfaces

APPLICATION PROCEDURE

- BITUFLASH are unfolded on the site and laid firmly on surface with tar based adhesives using blow torches.

ADVANTAGES

- Asbestos free
- Easily and inexpensively applied
- Resistant to most naturally occurring chemicals
- Odorless and taint free when dry

COMPLIANCE STANDARD

- ASTM D 5147, ASTM D 5, ASTM D 36

PROPERTIES

Appearance	Black Sheet
Thickness	2mm
Flash Point	225°C

PACK SIZE

- 1 mtr. x 10mtr. Roll

**FIBER GLASS MESH**

45 GSM / 80 GSM / 145 GSM

APPLICATION AREA

- Areas near water bodies where hydrostatic pressure exist
- To repair patches of floors, ceiling and rendering walls
- Toilet bathroom and sunken portion

APPLICATION PROCEDURE

- Cut the mesh with the help of knife in required length and width and place in the required areas where is necessary.

ADVANTAGES

- Durable and flexible
- Easy embedment
- Easy in installation
- Ready to use
- Easy to cut with knife or scissors

PROPERTIES

Appearance	White Mesh
Thickness	0.3 mm
Weave	Leno
Application Temperature	-20 to +45°C
Available	45, 80 & 145 GSM

PACK SIZE

- Roll



Product Selection &
Coverage Calculation

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Product Selection &
Coverage Calculation

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EPFLOOR® MM2

2 mm Thick Epoxy Self Levelling Flooring

APPLICATION AREA

- Kitchens, food & beverage production
- Living room, Laboratories & clean room
- Industrial Floorings either bearing heavy load or general loadings

APPLICATION PROCEDURE

- Laitance deposits on new concrete are best removed by light grit blasting, mechanical scrubbing or grinding.
- All surfaces to be treated with EPFLOOR MM2 should be primed with PRIMER 25.
- Mix EPFLOOR MM2 flooring as per pre-weighed packs (base, hardener, aggregate & color pack) which are ready for immediate on-site mixing.
- It should be spread to the required thickness using a serrated trowel with care taken not to overwork the resin, spreading evenly and slowly. Immediately after laying, the material should be rolled, using a spiked nylon roller to remove slight trowel marks and to assist air release.

ADVANTAGES

- Fast application will minimize downtime
- Good resistance to a wide range of chemicals
- Good abrasion resistance create durable floors

PROPERTIES

Mixed Appearance	Free Flowing Semi Fluid
Pot life	Approx. 1 hours
Compressive Strength	>50 N/mm ² @ 7 days
Abrasion Resistance	<0.1 mm
Tensile strength	>20 N/mm ² @ 28 day

PACK SIZE

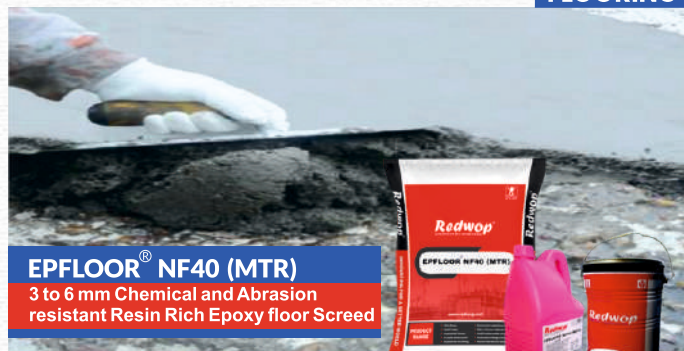
- 17 kg Set



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net



EPFLOOR® NF40 (MTR)

3 to 6 mm Chemical and Abrasion resistant Resin Rich Epoxy floor Screed

APPLICATION AREA

- Non-slip finish for personnel and vehicular traffic
- Floor topping with exceptional resistance, Heavy engineering plants
- chemical handling & process areas, steelworks
- Areas of lighter duty where above average durability and low maintenance costs are required

APPLICATION PROCEDURE

- Add the aggregate slowly to the mixed resin & hardener, continue mechanical mixing for a further 2-3 minutes, until all the components are thoroughly blended.
- The mixed EPFLOOR NF40 (MTR) should be spread to uniform thickness on the primed surface using a steel trowel.

COMPLIANCE STANDARD

- IS 9162-1979, ISO 4624:2016

ADVANTAGES

- Resistance to abrasion and to a wide range of chemicals
- Good gripping surface to both vehicular and pedestrian traffic
- A wide performance variety of aggressive locations

PROPERTIES

Appearance	Brown Liquid
Pot Life	30 min
Compressive Strength	75 N/mm ²
Flexural Strength	26 N/mm ²
Tensile Strength	12 N/mm ²

PACK SIZE

- 15 kg Set



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net



EPFLOOR® NF40 (SL)
Self Levelling Screed

APPLICATION AREA

- Non-slip finish for personnel and vehicular traffic
- Floor topping with exceptional resistance
- Heavy engineering plants, chemical handling and process areas, steelworks
- Areas of lighter duty where above average durability and low maintenance costs are required

APPLICATION PROCEDURE

- Add the aggregate slowly to the mixed resin and hardener, continue mechanical mixing for a further 2-3 minutes, until all the components are thoroughly blended.
- The mixed EPFLOOR NF40 (SL) should be spread to uniform thickness on the primed surface using a steel trowel.

ADVANTAGES

- Resistance to abrasion and to a wide range of chemicals
- Good gripping surface to both vehicular and pedestrian traffic
- A wide performance variety of aggressive locations

PROPERTIES

Appearance	White Liquid
Pot life	30 min
Compressive Strength	75 N/mm ²
Flexural Strength	26 N/mm ²
Tensile Strength	12 N/mm ²

PACK SIZE

- 15 kg Set



Product Selection &
Coverage Calculation

Visit Our Website

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MATTCEM® CL30 P
Self Levelling Cementitious Flooring

APPLICATION AREA

- To get smooth surface ready to receive textile, PVC, linoleum and rubber coverings as well as ceramic tiles
- In areas where high resistance to static and dynamic loads is required

APPLICATION PROCEDURE

- Laitance deposits on new concrete are best removed by light grit blasting, mechanical scrubbing or grinding.
- The primer should be allowed to dry forming a barrier, preventing air rising through the subfloor to form bubbles in the surface.
- Mix 20 kg bag of MATTCEM CL30 P with 4.5 to 5 liters of water with the help of mechanical mixer and continue until a smooth creamy consistency is obtained.
- Pour the prepared mix onto the substrate, spread quickly with trowel or preferably with a notched rubber squeegee & allow to self-level. Leave the surface for full cure.

ADVANTAGES

- Less time consumption as it is self-leveling and provide better finishing to all types of floor surface
- Easy to use, we have to add only measured quantity of water to make paste
- It does not shrink or crack and reaches a high level of compressive and flexural strength and resistance abrasion Rapid Hardening enables early fixing of floor coverings

PROPERTIES

Appearance	Grey / White Powder
Pot Life	Approx. 2 hours @ 20°C
Density	2200 Kg/m ³
Coverage	35 ft ² @ 3 mm thickness

PACK SIZE

- 20 kg Bag



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net



MATTCEM® S3
Screed Concrete

USES

- Mattcem S3 modified screeds are ideally suited for screeding large floor areas where in speedy execution of work can enable subsequent activity to be carried out, saving time and money.
- Some examples of application areas are:
- Airport Terminals, Public spaces & Shopping Mall
- University RCC flooring reworks or screeding works

APPLICATION PROCEDURE

- Prepare the screed as per mixing ratio.
MATTCEM S3 : OPC S3G Cement : Sand : Water
500gm : 50kg : 65kg : 22kg
- Pour the mixed screed mortar onto the prepare surface using with a steel flat trowel.

ADVANTAGES

- Early drying compared to traditional cement sand screed
- Reduced drying times: For bonded screed, tiles like ceramic can be laid after 24 hours using Proprietary adhesive.
- After 7 days dry, it is ready to receive natural stones, textile floor coverings, parquet flooring and resin coatings
- For interior & exterior use, Easier spreading & working of the screed
- Longer smoothing and floating time, No water curing is required but protection with PE-foil sheet recommended

PROPERTIES

Installation Temperature	>10 °C
Humidity	<70%
Mattcem S3 modified Screed	
Fresh Mortar	2.275 kg/l
Working Time	50 min
Screed - Compression Testing	
28 days	>35 N/mm ²
Screed - Flexural Testing	
28 days	>3.0 N/mm ²
Pull of Adhesion Testing	
14 days	>2.00 MPa

PACK SIZE

- 500 gms Pouch



Product Selection &
Coverage Calculation

Visit Our Website

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PUFLOOR® 400
Self Levelling PU Based Flexible Flooring

APPLICATION AREA

- All types of business and mercantile building
- Industries floors
- RCC floors, Pharmaceutical and food processing companies

APPLICATION PROCEDURE

- Laitance deposits on new concrete are best removed by light grit blasting, mechanical scrubbing or grinding.
- Mix PUFLOOR 400 flooring as per pre-weighed packs (base, hardener, aggregate and color pack) which are ready for immediate on-site mixing.
- PUFLOOR 400 must be applied with a rake or a metallic trowel to the thickness required, as soon as the primer is ready to take light foot traffic.

ADVANTAGES

- Provides chemical resistance floorings
- Good coefficient of friction to resist slip
- Protection layer of substrates for wood, chipboard, marine plywood
- Waterproof protection layer for substrates which are sensitive to humidity

PROPERTIES

Compressive Strength (EN 13892-2)	48 to 53 N/mm ²
Tensile Strength (BS 6319 part 7)	9 N/mm ²
Mixed Density	1.88 kg/l
Flexural Strength (EN 13892-2)	18 to 21 N/mm ²

PACK SIZE

- 15 kg Set



Product Selection &
Coverage Calculation

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www.redwop.net

WALLPUTTY & PAINTS



WHITPLAST® RF Leveling Putty

APPLICATION AREA

- Smoothing of walls for both indoor and outdoor
- Renders a smooth and durable surface
- Under layer for all kinds of decorative paints

APPLICATION PROCEDURE

- Add 3 part of WHITPLAST RF to 1 part of water in suitable container and blend it properly with electric blender to get lump free paste then apply on prepared substrate with the help of putty trowel.

ADVANTAGES

- Reduces paint consumption
- Resistance to peeling
- No flaking
- No Blistering
- No Chalking
- Provides stain free surface
- Good breathability

PROPERTIES

Appearance	White Powder
Bulk Density	1 to 1.05 gm./cc
Coverage	25m ² per 20kg @ 0.5mm thickness

PACK SIZE

- 5, 20 & 40 kg Pack



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

WALLPUTTY & PAINTS



WHITPLAST® SF Polymer & White Cement based Smooth Putty

APPLICATION AREA

- Ceilings
- RCC surfaces
- Repair works
- Smoothing of walls for both indoor and outdoor
- Renders a smooth and durable surface
- Under layer for all kinds of decorative paints

APPLICATION PROCEDURE

- Add 3 part of WHITPLAST SF to 1 part of water in suitable container and blend it properly with electric blender to get lump free paste then apply on prepared substrate with the help of putty trowel.

ADVANTAGES

- Water-resistant
- Excellent adhesion to host substrate
- Smooth finish
- No Blistering & Chalking
- Provides stain free surface
- Good breathability

PROPERTIES

Appearance	White Powder
Bulk Density	1 to 1.05 gm./cc
Coverage	25m ² per 20kg @ 0.5mm thickness

PACK SIZE

- 1, 5, 20 & 40 kg Pack



Product Selection &
Coverage Calculation

Visit Our Website

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**EPKOTE® EP-LV**Epoxy putty for cracks filling
& smooth surface**APPLICATION AREA**

- In concrete repair works
- To smoothen concrete and metal surface irregularities filling small cracks

APPLICATION PROCEDURE

- Mix the Resin and hardener thoroughly using slow speed mixture.
- Add the filler in small quantities to get the required consistency.
- Apply using putty knife on the prepared surface.

ADVANTAGES

- Excellent adhesion
- Eco-friendly and non-toxic
- Solvent free
- Ease in application can be applied with putty blades
- No shrinkage which can be easily applied on vertical also

PROPERTIES

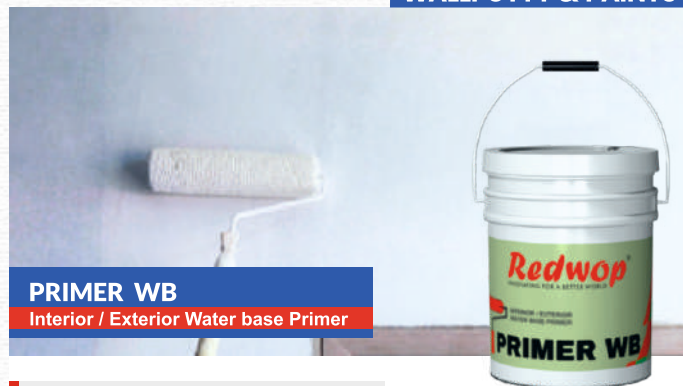
Mixed Appearance	As per requirement
Density	1.6 gm / cm ³
Pot Life	40 min @25°C
Recoat Time	24 hours
Coverage	1.7 Kg / m ² @ 1 mm thickness

PACK SIZE

- 5 kg Set

Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net**PRIMER WB**

Interior / Exterior Water base Primer

APPLICATION AREA

- On properly prepared interior and exterior surfaces such as Concrete Block/CMU, Cement Board siding, brick, plaster, drywall/gypsum board, wood, plywood
- Non-Ferrous Metals

APPLICATION PROCEDURE

- Apply on coat of PRIMER WB by brushing after suitable thinning with water. Allow drying for 4 hours.
- Then apply recommended number of top coats. If significant dust or dirt accumulates on the primed surface, re-prime with a thin coat of PRIMER WB.

ADVANTAGES

- Excellent adhesion bonds to substrate and binds dust
- Aggressive tack provides a tenacious bond to difficult substrates such as dens glass gold and other glass faced wall boards
- Fast drying increased flexibility for application schedule
- Fast and easy application by brush or roller

PROPERTIES

Appearance	White Color Liquid
Density	1.06 gm. / cm ³
Coverage	100 to 120 ft ² per liter

PACK SIZE

- 1, 4, 10 & 20 Lit. Pack

Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

**MAZIKCOAT®**

Anticarbonation Paint

APPLICATION AREA

- To protect other cementitious substrates and masonry
- Anti-carbonation coating for new and existing structures
- Concrete storage tanks on external surfaces
- Bridge structures
- Coastal area structures

APPLICATION PROCEDURE

- First apply primer coat over the substrate. Mix MAZIKCOAT well before use then apply using brush over the prepared surface.

ADVANTAGES

- It resists efflorescence and lime blooming with good adhesion on all cement plasters. It hides surface undulations and fine surface cracks.
- UV resistant aliphatic acrylate gives resistance to long term weathering
- It contains special glass fibers to maintain anti-cracking properties

PROPERTIES

Appearance	White Fluid
Water Permeability	Nil @ 24 Hours
Wet Film Thickness	200 Microns

PACK SIZE

- 1, 5, 10 & 20 Lit. Pack



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

**AREX BLIZZ™**

Finishes for Exterior Walls

APPLICATION AREA

- Helps to kill the growth of algae and fungus, and retain the initial beauty of your walls.
- Fights dust from settling on the walls, helping them retain its beauty.

APPLICATION PROCEDURE

- Apply AREX BLIZZ with the help of brush/roller on the prepared surface. After first coat dry apply 2nd coat immediately.

ADVANTAGES

- Excellent resistance to ultraviolet radiation.
- Advanced Anti-algal Formula
- Excellent Dirt Pick up Resistance
- Excellent sheen

PROPERTIES

Drying Time	Surface dry time 30min
Coverage	1 Coat @ 10-12 sq.m/l** 2 Coats @ 5-6 sq.m/l**

PACK SIZE

- 1, 4, 10 & 20 Lit. Pack



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net



WOLFEX®
Acrylic Distemper

APPLICATION AREA

- On internal and external wall plaster
- Bricks wall

APPLICATION PROCEDURE

- Combine WOLFEX and glue as per requirement than colour with tints as per your demand of colors.
- Slowly add water to WOLFEX, mixing the contents thoroughly. Normally, 500-600 ml water is required for 1 kg WOLFEX.
- Apply 2-3 coats by brush, roller or spray with an interval of 4-6 hours between coats.

ADVANTAGES

- Provides a tenacious bond to difficult substrates such as dense glass and other glass boards
- Fast drying
- Environment friendly
- Anti-chalking
- Increased flexibility for application schedule
- Easy application
- Water-based, contains no hazardous or flammable solvents
- Less odor having no noxious fumes

PROPERTIES

Appearance	White Fluid
Water Permeability	Nil @ 24 hours
Drying time	15 minutes

PACK SIZE

- 1, 2, 5, 10 & 20 kg. Pack



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net



THERMO MARK 30M
Retro-reflection Thermoplastic
Road Marking Resin Based

APPLICATION AREA

- Bituminous road marking
- Kerbs stones
- Speed humps
- Airplane tracks
- Children play yards
- Parking areas

APPLICATION PROCEDURE

- Place THERMO MARK 30M powder in road marking machine after heating it to 150°C to 200°C & place on the prepared surface

ADVANTAGES

- Easy in application only site mixing water is needed
- Fast cure with excellent durability
- High bond strength
- Unique chemical composition enables this mortar to be more compact, thinner and stronger.

PROPERTIES

Appearance	White / Yellow Powder
Solid Content	Approx.74 to 78 %
Surface Drying Time	30 min hard dry
Sp. Gravity	1.2 to 1.25 @ 200°C
Coverage	6 Kg / m ² @ 5 mm DFT

PACK SIZE

- 25 kg Bag



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

PROTECTIVE COATING



BARGUARD®

Water Based Primer for TMT Bars

APPLICATION AREA

- It has excellent adhesion & bond on variety of substrates in both general industrial & marine uses on steel bar & RCC surface also.

APPLICATION PROCEDURE

- Stir thoroughly before using & apply using proper brush.

ADVANTAGES

- Structural steel
- Grills
- Machinery & equipment
- Piping etc.

PROPERTIES

Appearance	Liquid
Colour	Pista Green
Dry time	30min at 25°C
Theoretical Coverage	Approx 7.3m ² per ltr. At 50 µm DFT
Volume Solids	36.6%
Recommended DFT	50-75µm/coat
Voc Content	26gm/ltr

PACK SIZE

- 1, 4, 10 & 20 Ltr.



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

PROTECTIVE COATING



BITUCOTE®

Bituminous Protective Coating

APPLICATION AREA

- To provide a continuous barrier to the passage of water and water vapor
- Used to produce vapor barriers, damp proof courses, linings to potable water tanks and pipes, below ground concrete protection, concrete curing by water retention
- Corrosion protection to metal surfaces

APPLICATION PROCEDURE

- Apply a full coat of BITUCOTE and allow to dry. Coverage rate should be approximately 3m² per liter. Apply a second coat of BITUCOTE at right angles to the first coat.

ADVANTAGES

- Single component
- Easily and inexpensively applied; high coverage rate
- Tough and resistant to most naturally occurring chemicals
- Does not taint water
- Can be applied to damp concrete substrates

PROPERTIES

Appearance	Black Liquid
Density	0.9 gm./cc
Coverage	3 to 4 m ² /lit.

PACK SIZE

- 10, 20 & 200 Lit.



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

PROTECTIVE COATING



METGUARD®

Single Component Epoxy Protective Coating for Steel & RCC

APPLICATION AREA

- To protect atmospherically exposed reinforced concrete structures from attack by acid gases, chloride ions, sulphate, oxygen & water. Protect the other cementitious substrate and masonry.

APPLICATION PROCEDURE

- METGUARD may be applied by the use of suitable brushes or rollers. All primed substrates should be treated with two coats of METGUARD.
- The first coat should be applied to all areas by the use of suitable brushes or rollers to achieve a uniform coating.
- The second coat of METGUARD should be applied exactly as detailed above.

ADVANTAGES

- Anti-fungal, Anti-bacterial
- Excellent barrier to carbon dioxide, chloride ions, Sulphate, oxygen and water
- Highly UV resistant aliphatic acrylate gives
- Highly durable in all climatic conditions

PROPERTIES

Appearance	Different Colors
Permeability	Nil
Depth of Carbonation	Nil @ 2 Hours

PACK SIZE

- 10 & 20 Lit. Pack



Product Selection & Coverage Calculation

Visit Our Website

www.redwop.net

PROTECTIVE COATING



DAMPCOAT®

Anti-efflorescent coating

APPLICATION AREA

- All exterior masonry surface subjected to water ingress
- Building roofs / terraces, parapets, sunshades and exterior wall areas

APPLICATION PROCEDURE

- Mix DAMPCOAT properly before using it and apply using brush on prepared surface in uniform coats

ADVANTAGES

- High elongation and film thickness allows cracks bridging ability of up to 0.8 mm thickness. Efflorescence, algal & alkali resistance
- Protection against carbon dioxide diffusion to improve life of a building. Strong adhesion to masonry substrates

PROPERTIES

Appearance	White Fluid
Sp. gravity	1.27 to 1.29
Adhesion Strength	1 N/mm ²
Tensile Strength	2 N/mm ²
Surface Drying time	30 min
Coverage	60 to 70 ft ² per kg @ 100 micron thickness

PACK SIZE

- 1, 5, 10 & 20 kg Bucket



Product Selection & Coverage Calculation

Visit Our Website

www.redwop.net

PROTECTIVE COATING



EPKOTE® ET140

Epoxy Tar based Coating for Steel and Concrete Surfaces

APPLICATION AREA

- Provides protection to concrete and metal structures against corrosion from aggressive environments tanks above ground or in totally submerged conditions such as pipelines In sewage works, effluent plants and dock & harbour installations

APPLICATION PROCEDURE

- Mix Resin & Hardner as per given weight ratio, then apply it on RCC / Other Substrate.

ADVANTAGES

- Excellent resistance to all types of water
- Easily applied by brush or spray
- Provides long term corrosion protection
- No priming necessary in most cases
- Chemical and abrasion resistant
- Economic and versatile product

PROPERTIES

Mixed Appearance	Black Color Liquid
Pot life	2 to 6 hrs @ 20°C
Time between coats	2 to 4 hours
Full cure	7 day @20°C 5 days @30°C

PACK SIZE

- 30 kg Pack



Product Selection & Coverage Calculation

Visit Our Website

www.redwop.net

PROTECTIVE COATING



EPKOTE® PE280

High performance epoxy resin coating

APPLICATION AREA

- Use in production assembly areas, workshops, dairies, soft drink production and bottling plants, kitchens, showrooms etc.
- Suitable in wet working areas and where chemical spillage is likely, plating shops, processing plants, dye works etc.

APPLICATION PROCEDURE

- Laitance deposits on new concrete are best removed by light grit blasting, mechanical scrubbling or grinding.
- The entire contents of the hardener container should be poured into the base container and the two materials mixed thoroughly, then add the color pot and mix for at least 3 minutes.
- The mixed EPKOTE PE280 should be applied to the prepared surface using airless spray, brush or lamb's wool roller

ADVANTAGES

- Hard wearing surface
- Durable floorings
- Low maintenance costs
- High resistance to a wide range of industrial chemicals
- Available in a range of colors

PROPERTIES

Mixed Appearance	Free Flowing Semi Fluid
Pot life	Approx. 1 hours
Compressive Strength	>50 N/mm ² @ 7 days
Abrasion Resistance	<0.1 mm
Tensile Strength	>20 N/mm ² @ 28 day

PACK SIZE

- 5, 10 & 20 kg Set



Product Selection & Coverage Calculation

Visit Our Website

www.redwop.net

PROTECTIVE COATING



ZINC RICH

Anticorrosive Primer for exposed Steel and Concrete Surface

APPLICATION AREA

- Steel surface
- Concrete surface

APPLICATION PROCEDURE

- Mixing the contents of both the base and hardener have to be thoroughly stirred to disperse any settlement which may occur during storage. The entire contents of the hardener have to be mixed into the base and mix mechanically.

ADVANTAGES

- Combats corrosion
- Permanent protection to the steel structures
- Excellent adhesion to steel
- Time Saving~touch dry after 15 to 20 Minutes
- Exhibits excellent bond strength in cementitious repair.

PROPERTIES

Appearance	Transparent Free Flowing Liquid
Sp. Gravity	0.78

PACK SIZE

- 1 & 20 Lit. Pack

WATER REPELLENT



SILICOREP® WR100

Silicone Based Water Repellent for Exterior

APPLICATION AREA

- Natural and artificial stones
- Mangalore tiled roofs Corrugated AC sheet roofing, etc.
- Concrete, mortar Clay brick surfaces

APPLICATION PROCEDURE

- SILICOREP WR100 should be diluted with water ratio of 1:9 to 1:14.
- Apply one liberal coat of SILICOREP WR100 by brushing on the prepared surface. Dry the Surface minimum for 24hrs.
- Apply second coat wet on wet, to improve the penetration rate & performance.

ADVANTAGES

- Clear coating does not stain the treated surface
- Not change the appearance of exterior decorative coating
- Prevent efflorescence
- Due to low viscosity penetration is high, which provides the hydrophobic zone

PROPERTIES

Appearance	Clean Free Flowing Pale Yellow Liquid
Specific Weight	1 gm/ml @30°C
Dry Time	20 to 30 min
PH	7 to 8

PACK SIZE

- 1, 10, 20, 50 & 200 Ltr. Pack



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net



Product Selection &
Coverage Calculation

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www.redwop.net

SILICONE WATER REPELLENT



SILICOREP® WR200

Silicone Based Water Repellent

APPLICATION AREA

- Natural and artificial stones
- Mangalore tiled roofs Corrugated AC sheet roofing, etc.
- Concrete, mortar Clay brick surfaces

APPLICATION PROCEDURE

- SILICOREP WR200 should be diluted with water ratio of 1:9 to 1:14.
- Apply one liberal coat of SILICOREP WR200 by brushing on the prepared surface. Dry the Surface minimum for 24hrs.
- Apply second coat wet on wet, to improve the penetration rate & performance.

ADVANTAGES

- Clear coating does not stain the treated surface
- Not change the appearance of exterior decorative coating
- Prevent efflorescence
- Due to low viscosity penetration is high, which provides the hydrophobic zone

PROPERTIES

Appearance	Clean Free Flowing Pale Yellow Liquid
Specific Weight	1 gm/ml @30°C
Dry Time	20 to 30 min
PH	7 to 8

PACK SIZE

- 1, 10, 20, 50 & 200 Ltr. Pack



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

SILICONE WATER REPELLENT



SILICOREP® S500

Colourless Solvent Based Water Repellent

APPLICATION AREA

- To get Water repellent surface
- To get Self-cleaning properties
- To reduce efflorescence

APPLICATION PROCEDURE

- Apply one liberal coat of SILICOREP S500 by brushing on the prepared surface. Dry the Surface minimum for 24hrs.
- Apply second coat wet on wet, to improve the penetration rate & performance.

ADVANTAGES

- Equally effective on old or new surfaces
- Protects brickwork
- Protects concrete
- Self-cleaning

PROPERTIES

Appearance	Clean Free Flowing Pale Yellow Liquid
Specific Weight	1 gm/ml @30°C
Dry Time	20 to 30 min
PH	7 to 8

PACK SIZE

- 1, 10, 20, 50 & 200 Ltr. Pack



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net



MICROCONCRETE® RGL

Micro Concrete in RCC Repairing works with high Workability

APPLICATION AREA

- For repairs to damaged reinforced concrete elements particularly where access is restricted and where vibration of the placed material is difficult or impossible
- Suitable for various structural strengthening measures such as filling honeycombs and cracks

APPLICATION PROCEDURE

- Mix thoroughly MICROCONCRETE RGL powder & water in water cement ratio in 0.16 to 0.18 & apply using pump on the prepared surface.

ADVANTAGES

- Gaseous expansion system compensates for shrinkage and settlement in the plastic state
- Can be pumped or poured into restricted locations
- Highly fluid to allow for placement without vibration
- Pre-packed to overcome site-batched variations

PROPERTIES

Appearance	Grey Powder
Pot Life	Approx... 2 hours @ 20°C
Compressive Strength (0.18 w/c)	22 N/mm ² @ 1 day 35 N/mm ² @ 7 days 45 N/mm ² @ 28 days

PACK SIZE

- 25 kg Bag



Product Selection & Coverage Calculation

Visit Our Website

www.redwop.net



MICROCONCRETE® RGL 60

Fiber Reinforced Micro Concrete RCC Repairing works with high Workability

APPLICATION AREA

- For repairs to damaged reinforced concrete elements particularly where access is restricted and where vibration of the placed material is difficult or impossible
- Suitable for various structural strengthening measures such as filling honeycombs and cracks

APPLICATION PROCEDURE

- Mix thoroughly MICROCONCRETE RGL60 powder & water in water cement ratio in 0.16 to 0.18 & apply using pump on the prepared surface.

ADVANTAGES

- Gaseous expansion system compensates for shrinkage and settlement in the plastic state
- Can be pumped or poured into restricted locations
- Highly fluid to allow for placement without vibration
- Pre-packed to overcome site-batched variations

PROPERTIES

Appearance	Grey Powder
Density	2.1 to 2.2
Pot Life	Approx... 2 hours @ 20°C
Compressive Strength (0.18 w/c)	20 N/mm ² @ 1 day 50 N/mm ² @ 7 days 65 N/mm ² @ 28 days

PACK SIZE

- 25 kg Bag



Product Selection & Coverage Calculation

Visit Our Website

www.redwop.net



MICROCONCRETE® 100PT

Vertical & Overhead Cementitious Patch work repair Fiber Reinforced Mortar

APPLICATION AREA

- Vertical and overhead repairs
- General concrete and masonry repairs
- Voids greater than 10 mm deep

APPLICATION PROCEDURE

- Mix thoroughly MICROCONCRETE RGL powder and water in water cement ratio in 0.18.

ADVANTAGES

- Saving time and expense of multiple applications
- Obviates the need for formwork
- Polymer-modification provides extremely low permeability to water, carbon dioxide and chlorides.
- Excellent bond to the concrete substrate

PROPERTIES

Appearance	Grey Powder
Drying Shrinkage	<300 ms @ 7 days
Permeability	<10 mm
Compressive Strength (0.18 w/c)	35 N/mm ² @ 7 days 45 N/mm ² @ 28 days

PACK SIZE

- 25 kg Bag



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net



MICROCONCRETE® UW

Cementitious Micro Concrete for under Water Repairs & Concreting works

APPLICATION AREA

- Repair deteriorated underwater or tidal zone Concrete Structures
- Quay Pillars, Bridge columns, Concrete Piling, Dams

APPLICATION PROCEDURE

- Open MICROCONCRETE UW Bag into mixture & add required amount of water slowly it While Mixing.
- Mix it properly for 5 min until smooth paste is Obtain & Place it.

ADVANTAGES

- Displaces Water Effectively
- Low Porosity
- High Bond Strength
- Increase Durability

COMPLIANCE STANDARD

- BS 1881- 1983, BS4551 – 1984, BS4550: Part 3 – 1978

PROPERTIES

Density	2200kg/m ³
Tensile Strength	>3 N/mm ² @28days
Compressive Strength (BS 1881 Pt.1161)	44 N/mm ² @7days 53 N/mm ² @ 28days
Flexural Strength (BS 6319 Pt. 3)	>7.5 N/mm ² @28days

PACK SIZE

- 25 kg Bag



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

MICROCONCRETE & RCC REPAIR



MICROCONCRETE® M90

Micro Concrete in RCC Repairing works with High Workability

APPLICATION AREA

- For repairs to damaged reinforced concrete elements
- For various structural strengthening measures

APPLICATION PROCEDURE

- Add MICROCONCRETE M90 bag into forced-action mixture & then add Required amount of water & mix properly to make slurry & Paste it.

ADVANTAGES

- Gaseous expansion system compensates for shrinkage and settlement in the plastic state.
- Highly fluid to allow for placement without vibration.
- Low permeability, Economical
- Contains no chloride

PROPERTIES

Appearance	Powder
Color	Grey
Compressive Strength	>90 N/mm ² @ 28days
Wet density	2200 to 2250 kg/m ³

PACK SIZE

- 25 kg Bag



Product Selection & Coverage Calculation

Visit Our Website

www.redwop.net

MICROCONCRETE & RCC REPAIR



MICROCONCRETE® 2A / 4A

Rapid Setting Liquid Material for Fast Plugging

APPLICATION AREA

- Joint filling, pointing between concrete segments
- In construction joints
- For instant sewer connections

APPLICATION PROCEDURE

- Place MICROCONCRETE 2A into a rubber bowl and then add the fresh cement Stir briefly for a few seconds. Form the paste by hand into a tapered plug and place it immediately into the hole.

ADVANTAGES

- In water retaining structure damage condition it acts as emergency water stopping
- Excellent bond to the substrate where applied
- Reduces thermal cracking
- Contains no chloride admixtures

PROPERTIES

Appearance	Viscous Alkaline Liquid
Color	Light Yellow
Density	1.25 kg/lit
Chloride Content	Nil

PACK SIZE

- 10 & 20 Lit. Pack



Product Selection & Coverage Calculation

Visit Our Website

www.redwop.net

MICROCONCRETE & RCC REPAIR



PLUGFAST

Leak Plugging Mortar

APPLICATION AREA

- Rapid temporary patching and plugging of concrete segments
- Concrete and brick tunnel linings
- Sewage systems
- Foundations and mines

APPLICATION PROCEDURE

- PLUGFAST should be added to clean water & Mix to a stiff consistency in a suitable container using a trowel or gloved hand.
- Trowel apply or hand-knead the mixed mortar in place, ensuring maximum contact with the substrate before the material sets.

ADVANTAGES

- Emergency water stopping capability
- Excellent bond to the substrate
- Low exothermal minimizes thermal cracking
- Contains no chloride admixtures

PROPERTIES

Appearance	Blend of Dry Powder Grey in Color
Setting Time	2 to 3 min @ 30°C
Compressive Strength	25 N/mm ² @ 30°C

PACK SIZE

- 1, 5 & 20 kg Bag



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

MICROCONCRETE & RCC REPAIR



MATTCEM® RPL

RCC Waterproofing, Lining, Repairing
& Concrete Priming

APPLICATION AREA

- To level uneven new or existing surface
- To get smooth surface in lining works
- In areas where high resistance to hydrostatic pressure is required

APPLICATION PROCEDURE

- Mix MATTCEM RPL with required amount of water with the help of mechanical mixer and Continue until a smooth creamy consistency is obtained.
- Pour the prepared mix onto the substrate, spread quickly with trowel and level the surface.

ADVANTAGES

- High compressive strength to withstand hydrostatic pressures
- Highly durable waterproofing concrete lining
- Provides sufficient resistance
- Easily repaired
- High resistance to UV radiations
- It creates aesthetic view Polymer-modification provides extremely low permeability to water, carbon dioxide and chlorides
- Excellent bond to the concrete substrate

PROPERTIES

Appearance	Dry Powder
Density	2.10 g/cm ³
Compressive Strength (IS 456)	> 20 N/mm ² @ 7days > 30 N/mm ² @ 28days
Setting time	7 to 8 hours @ 25°C

PACK SIZE

- 40 kg Bag



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net



QUICKSET® PRM 4H13
Fast Setting Patch repairing Mortar

APPLICATION AREA

- To repair damaged horizontal concrete elements airport runways, expressways, highways, bridge decks, sidewalks, parking decks, loading docks and floor.
- In vertical concrete repairing works after doing proper formwork.

APPLICATION PROCEDURE

- QUICKSET PRM 4H13 is thoroughly mixed in a forced-action mixer of adequate capacity. The quantity water required will generally be between 3.5 to 3.75 liters per 25 kg bag of QUICKSET PRM 4H13.

ADVANTAGES

- Ease in application
- High early strength and fast setting
- Pre-packed to overcome site-batched variations.
- Excellent adhesion property with old concrete substrate
- Economical and durable

PROPERTIES

Appearance	Grey Powder
Density	2.2 to 2.25
Pot Life	Approx. 2 hours @ 20°C
Compressive Strength (0.18 w/c)	2 N/mm ² @ 2 hours 13 N/mm ² @ 4 hours 36 N/mm ² @ 1 day 45 N/mm ² @ 7 days 55 N/mm ² @ 28 days

PACK SIZE

- 25 kg Bag



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net



EPMORTAR® ER
Epoxy Mortar

APPLICATION AREA

- For fast and emergency repair of concrete
- For bedding, jointing, profiling of concrete
- Repair of damaged concrete in precast units
- Jointing between precast units

APPLICATION PROCEDURE

- The required quantity of resin shall be poured into a plastic bucket and the powder hardener shall be added slowly with stirring thoroughly until uniform consistency is obtained.
- Ensure that resin mortar is trowelled firmly into place to obtain good adhesion

ADVANTAGES

- Highly chemical and oil resistant
- Durable and Stronger
- It is Versatile and can be poured, trowelled, filled with coarse aggregates
- No primer is required
- Can be used at down to 0°C or up to 60°C

PROPERTIES

Appearance	Grey Liquid
Flexural Strength	25 N/mm ² @7days
Tensile Strength	12 N/mm ² @7days

PACK SIZE

- 5 kg Set



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net



REDOFLEX® PG / GG

Polysulphide Sealant Pouring Grade

APPLICATION AREA

- Precast elements
- External walls
- Curtain walling and cladding
- Panel walls
- Window and door perimeter

APPLICATION PROCEDURE

- For Gun grade properly mix the paste before and fill in the gun and firmly extrude in the prepared substrate.
- For pouring grade mix the base and hardener properly in given proportion and directly pour over the groove

ADVANTAGES

- Forms a tough, elastic, rubber-like seal
- Accommodates continuous and pronounced cyclic movement
- Excellent adhesion to most common substrates, including primed concrete, glass, aluminum and stainless steel

PROPERTIES

Appearance	Grey Paste
Sp. Gravity	1.75 to 1.80
Solid Content	100%
Cure Rate	2 to 3 mm per day
Application Temperature	-20°C to +60°C

PACK SIZE

- 4 kg Pack



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net



REDOSEAL®

Polyurethane Sealant - Grey/White

APPLICATION AREA

- Precast elements
- Parapets
- External walling
- Culverts of bridge
- Curtain walling and cladding

APPLICATION PROCEDURE

- Firmly extrude sealant into the joint with the help of gun making sure that it is in full contact with the sides of the joint.

ADVANTAGES

- Non corrosive to metal
- Pitch-free over paintable
- Movement capability 25%
- Bubble-free curing, no weak areas for air bubbles to develop
- Excellent resistance to weathering (DIN 14231)

PROPERTIES

Appearance	Grey / White
Sp. Gravity	1.22 to 1.28
Tear Strength	6 to 8 N/mm ²
Tensile Strength	15 to 17 N/mm ²
Cure Rate	2 to 3 mm per day
Elongation at Break	>500%

PACK SIZE

- 600 ml Capsule



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

SEALANT



REDOSEAL® ACL

Crack Filler - Acrylic Sealant



APPLICATION AREA

- In place of Joints between concrete and brickwork
- Joints between aerated concrete
- Joints between wooden and metal window frames to prevent dampness

APPLICATION PROCEDURE

- Place sealant directly into joint with the help of trowel perfectly ensuring that joints are packed completely.

ADVANTAGES

- Can be used indoor as well as outdoor works also
- Fast setting, non-staining & provide flexible seal
- Provides very smooth surface finish
- Eco friendly
- Suitable for different substrate like concrete, wood, aluminum
- Better adhesion to the surface

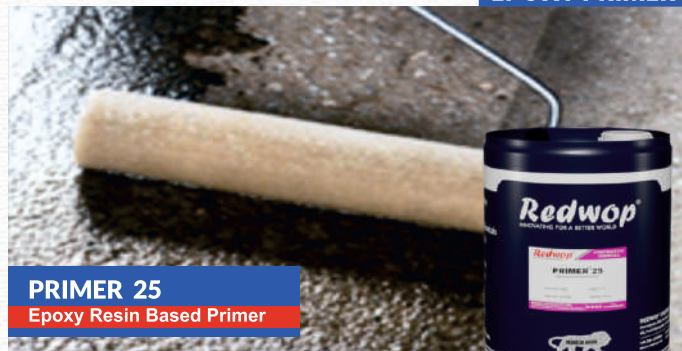
PROPERTIES

Appearance	White Paste
Solid Content	85%
Open Time	5 minutes
Elasticity Recovery	20 %
Tensile Strength	0.2 N/mm ²
Coverage	400 gm/m ² @ 1m X 5mm X 5mm Groove Size

PACK SIZE

- 1, 5 & 20 kg Pack

EPOXY PRIMER



PRIMER 25

Epoxy Resin Based Primer



APPLICATION AREA

- Primer on mineral substrates such as concrete and cementitious screed
- Can be applied on pre-cleaned oil contaminated and wet matt substrates

APPLICATION PROCEDURE

- Mix base and hardener in given proper than apply directly on prepared surface with the help of brush or roller.

ADVANTAGES

- Easy to apply
- Excellent penetration
- Seals pores and capillaries
- Excellent bond to substrate
- High moisture tolerance

PROPERTIES

Mixed Appearance	Brown Liquid
Mixed Density	1.06 gm/cm ³
Pot Life	25 min @ 30°C
Coverage	7 to 8 m ² per kg

PACK SIZE

- 20 kg Set



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

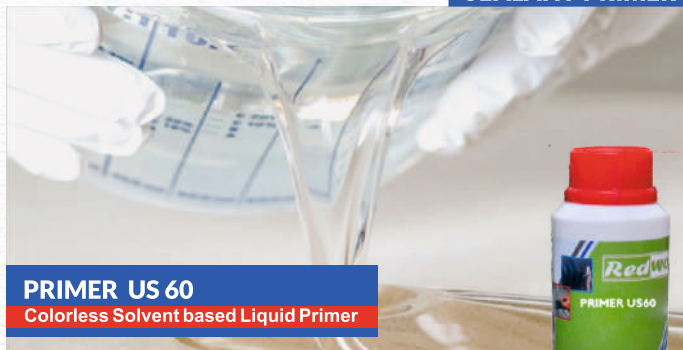


Product Selection &
Coverage Calculation

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SEALANT PRIMER



PRIMER US 60

Colorless Solvent based Liquid Primer

APPLICATION AREA

- Primer for polysulphide or polyurethane based joint sealants subjected to both important stresses and movements or cyclical conditions
- Treatment for porous surfaces, such as concrete, bricks, etc.

APPLICATION PROCEDURE

- PRIMER US60 is applied on the surface with brush or roller, it should be of small thickness uniformly.
- Avoid excessive film thickness and heavy application or puddling.
- Primer application should be protected from dust, humidity and dirt for as long as drying last.

ADVANTAGES

- Works on tensile and shear strength, or both
- Possesses good coverage
- Excellent adhesion to concrete and metal surface
- Preserves natural color and texture of created material

PROPERTIES

Appearance	Transparent Free Flowing Liquid
Sp. Gravity	0.78

PACK SIZE

- 250 ml Pack



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

LIGHT WEIGHT BLOCK JOINT MORTAR



BLOCKFIX®

Light Weight Block Jointing Mortar

APPLICATION AREA

- AAC blocks joining works
- Stretcher block, Corner block, Pillar block joining works
- Red bricks

APPLICATION PROCEDURE

- Mix approx. 11.2 liter of water in 40 kg powder and make a consistence workable paste and start applying to join blocks with the help of notch trowel to ensure good bonding. It will bond 40 blocks (900mm X 200mm x 150 mm) in 40 kg bag.

ADVANTAGES

- Highly durable
- Resistance to rain and other harsh environment condition
- Long lasting and resistance to discoloration
- High coefficient of cohesion
- Resistance to gasoline and water
- Quick drying

PROPERTIES

Appearance	Grey powder
Tensile adhesion strength	>0.8 N/mm ² @ 28 hours
Compressive strength	> 15 N/mm ² @ 28 days
Pot life	Approx. 2 hours
Water demand	20 to 30 %
Hard dry	24 hours

PACK SIZE

- 40 kg Bags



Product Selection &
Coverage Calculation

Visit Our Website

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CURING COMPOUND



REDICURE® WB
Wax Based Curing Compound

APPLICATION AREA

- RCC surface
- Column beam surface
- Pre-stressed structures
- Irrigation channels and all Civil Engineering structures
- Industrial floor slabs

APPLICATION PROCEDURE

- Stir thoroughly before use to ensure full dispersion of solids. Spray product in a fine mist to completely cover the concrete surface. Maintain the pressure in the application equipment to ensure a consistent spray.

COMPLIANCE STANDARD

- BS 7542, ASTM C309

ADVANTAGES

- Single application
- No other curing necessary
- Reliable
- Ensure hard- wearing surface
- Easy and spray application

PROPERTIES

Appearance	Milky White Liquid
PH	5 to 7 @27°C
Drying Time	2-3 Hours @27°C
Coverage	50 to 60 ft ² /Lit.

PACK SIZE

- 50 & 200 Lit. Containers

CLEANER



RECLEANER®
Rust Remover

APPLICATION AREA

- Removal of mortar, plaster runs, droppings, stains from brickwork, concrete surfaces, and hardened concrete from tools, machinery and equipment, or rust and mill scale from steelwork

APPLICATION PROCEDURE

- **Cleaning brickwork:** Small trial area should be cleaned with suitable RECLEANER should be selected and rubbed.
- **Cleaning large items of equipment:** Liberally apply to the deposits by a soft broom and allow to soak overnight.
- **Cleaning small tools:** Use as a dip. The tools should be soaked overnight, then taken out and washed with clean water to remove all loosely adhering materials
- **Cleaning concrete floors:** In Pre-wet the floors use a stiff bristle broom, brush the affected areas with RECLEANER.

ADVANTAGES

- Prolong life of steels
- Makes steel surface cleaner to take primers
- Ease in application

PROPERTIES

Color	Green
Appearance	Liquid
Chemical Resistance	Yes
Weathering Resistance	Yes
PH	<1

PACK SIZE

- 1, 5, 10 & 20 Lit. Pack



Product Selection &
Coverage Calculation

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Coverage Calculation

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RECLENER® 100

Tile Surface Cleaner

APPLICATION AREA

- Removal of mortar, plaster runs, droppings, stains from tile surface
- Etching of tile surface
- Tile / stone works

APPLICATION PROCEDURE

- **Cleaning tile back surface:**
- Small trial area should be cleaned with suitable TILECLEANER 100 should be selected and rubbed. Then after getting result proceed the process as same.

ADVANTAGES

- Rapid action
- Prolong life of tiles
- Makes good adhesion between tile substrate & tile adhesive both
- Ease in application

PROPERTIES

Color	Red
Appearance	Liquid
Chemical Resistance	Yes
Weathering Resistance	Yes
PH	<1

PACK SIZE

- 1, 5, 10 & 20 Lit.



Product Selection &
Coverage Calculation

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REDWOP® CI 150

Rust Converter

APPLICATION AREA

- As a rust remover from steel bars prior to encasing in Concrete / Micro concrete
- Steel surfaces prior to coating with epoxy systems

APPLICATION PROCEDURE

- Applying REDWOP CI 150 with brush for complete wetting of rusted metal surface and allowed to react for 16-24 hours.

ADVANTAGES

- Rapid Action
- Ease in Use

PROPERTIES

Appearance	Dark Brown Liquid
PH	9.5 to 10
Specific Gravity	1.20 to 1.22 @25°C

PACK SIZE

- 1, 5, 10 & 20 Lit. Drums



Product Selection &
Coverage Calculation

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FLOOR HARDNER



HARDFLOOR® (M)

Metallic Floor Hardener

APPLICATION AREA

- Garages, Aircraft hangers, Helipad
- Mechanical workshops, Warehouse, Assembly house for automobile industry

APPLICATION PROCEDURE

- Application is by traditional dry-shake method, onto concrete, at approximately initial set during plastic phase. It is ideally applied to a surface which is neither too wet nor too dry.
- Well-proportioned Concrete
- Mix Design is essential. The concrete supplier should ensure that cement contents, w/c ratios, slumps are generally in accordance as per requirement.

ADVANTAGES

- Higher resistance to abrasion
- Free from dusting, easily cleaned and attractive floor
- Uniform, dense and impermeable surface
- Available in wide ranges of colors

PROPERTIES

Appearance	Grey Powder
Compressive Strength	>80 N/mm ² @ 28 days
Avg. Abrasion Test in mm (IS 1237:2012)	<0.3

PACK SIZE

- 25 kg bag



Product Selection &
Coverage Calculation

Visit Our Website

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FLOOR HARDNER



HARDFLOOR® (N)

Non-metallic Floor Hardener

APPLICATION AREA

- Garages, Aircraft hangers, Helipad, Car washing
- Loading areas, Parking area, Mechanical workshops, Warehouse, Assembly house for automobile industry

APPLICATION PROCEDURE

- Application is by traditional dry-shake method, onto concrete, at approximately initial set during plastic phase.
- Apply the recommended amount of powder on the concrete surface and allow the powder to absorb moisture from the concrete until the dark color appears.
- When surface is sufficiently firm enough to take the weight of a man leaving only minor indentations, HARD FLOOR (N) should be finished off by means of a power trowel.

ADVANTAGES

- Non-metallic does not rust or stain & higher resistance to abrasion, wear and impact
- Free from dusting, easily cleaned and attractive floor
- Forms monolithic bond with base concrete

PROPERTIES

Appearance	Grey Powder
Compressive Strength	>80 N/mm ² @ 28 days
Avg. Abrasion Test in mm	<0.4

PACK SIZE

- 25 kg bag



Product Selection &
Coverage Calculation

Visit Our Website

www.redwop.net

FLOOR HARDNER



HARDFLOOR® (P)

Non-metallic Floor Hardener
(Green, Blue & Red)

APPLICATION AREA

- Garages, Aircraft hangers, Helipad, Car washing
- Loading areas, Parking area, Mechanical workshops, Warehouse, Assembly house for automobile industry

APPLICATION PROCEDURE

- Application is by traditional dry-shake method, onto concrete, at approximately initial set during plastic phase. Apply the recommended amount of powder on the concrete
- surface and allow the powder to absorb moisture from the concrete until the dark color appears.
- When surface is sufficiently firm enough to take the weight of a man leaving only minor indentations, HARD FLOOR (P) should be finished off by means of a power trowel.

ADVANTAGES

- Non-metallic does not rust or stain & higher resistance to abrasion, wear and impact
- Free from dusting, easily cleaned and attractive floor
- Forms monolithic bond with base concrete

PROPERTIES

Appearance	Colored Powder
Compressive Strength	>80 N/mm ² @ 28 days

PACK SIZE

- 25 kg bag

BONDING AGENT



BUTABOND™ SBR

Latex based mortar & screed
modifier bonding agent

APPLICATION AREA

- Waterproofing of small roof terraces, sunken portions of toilet & bathrooms, chajjas & lift pits, balconies & stair cases
- Liquid & effluent tanks, car deck and walk ways
- Repairs of plaster cracks more than 5 mm & in gaps developed between masonry and RCC members

APPLICATION PROCEDURE

- Typical mix design
 - Patching and Repair mortars and plaster for Masonry

Cement	50 kg
Zone II sand	150 kg
Butabond SBR Latex	5-9 liters
Recommended Water addition	11-15 liters
Recommended Thickness	8 to 30mm

2. Waterproofing Coating

Butabond SBR	2 Lit.
Water	4 Lit.
Cement	7 kg

ADVANTAGES

- Prevents leakage & dampness
- It prevents cracking by improving flexural strength
- Reduces drying & aging shrinkage cracks
- Bonds strongly to concrete, masonry, stone work, plasters, steel, asphalt & most of the building materials

PROPERTIES

Appearance	White Liquid
Sp. gr	1.00 to 1.04
Solid content	30 to 32 %
Hard dry	5 to 6 hours

PACK SIZE

- 100, 250, 500 ml, 1, 5, 20, 50 & 200 Lit. Pack



Product Selection &
Coverage Calculation

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Product Selection &
Coverage Calculation

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BONDING AGENT



EPBOND® EP

Old to New Concrete Bonding
Epoxy Resin

APPLICATION AREA

- In application for bonding harden concrete to harden concrete and fresh concrete to harden concrete
- In area where extensions of concrete structure is required in all types of high and low raise building buildings

APPLICATION PROCEDURE

- The entire contents of the 'hardener' tin should then be poured into the 'base' tin and the two materials thoroughly mixed using a suitable slow-speed drill and mixing paddle for 2 minutes until a fully uniform colour is obtained then apply using brush.

ADVANTAGES

- Enables to place the concrete up to gel time of EPBOND EP, without risk of de lamination
- Acts as a 'barrier coat' to the migration of chloride ions from host concrete Exhibits high mechanical strength

PROPERTIES

Mixed Appearance	Light green liquid
Compressive Strength	>50 N/mm ² @ 7 days
Tensile Strength	>35 N/mm ² @ 7 days
Pot Life	Approx.6 to 8 hours
Water Absorption	0.05 @ 24 hours
Coverage	2.5 to 3.5 m ² per litre

PACK SIZE

- 1 & 4 kg set

DESHUTTERING OIL



REMOL®

Chemical Mould
- Release Agent

APPLICATION AREA

- To provide quick, clean and easy stripping of moulds, and
- formwork & ensure high quality fair-faced & stain free concrete

APPLICATION PROCEDURE

- REMOL can be applied by brush, sponge or conventional mould oil-sprayer. Stir the contents of the container thoroughly before use. Apply one coat of REMOL thinly & evenly over the entire surface.

ADVANTAGES

- Minimizes surface blemishes and staining
- Ensures easy release, good fair-faced concrete
- Minimizes cleaning of shutters before re-use
- Reduces opportunity of damage to formwork, extending usable life

PROPERTIES

Appearance	Light Brown Colored Liquid
Specific Gravity	0.96 @20°C
Flammable	No
Staining	No

PACK SIZE

- 20, 50 & 200 Lit. Packs



Product Selection &
Coverage Calculation

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Product Selection &
Coverage Calculation

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REMOL® EXTRA

Concentrated & emulsified
chemical mouldrelease agent

APPLICATION AREA

- For easy and stain free release of concrete moulds and formwork of all types
- Wooden formwork is used and demolding or stripping times exceed 24 hours

APPLICATION PROCEDURE

- First dilute REMOL EXTRA concentrate in the proportion of 1:6 with water, using a clean container and stirring thoroughly until evenly mixed.
- Apply the REMOL EXTRA 1:6 water dilution to the face of the formwork by spray, brush or cloth. Only one coat should be applied.

ADVANTAGES

- Produces really fair faced finish concrete
- Reduces storage and transport costs
- Aids corrosion inhibition
- No cleaning of unsightly oil stains if plastering is not required

PROPERTIES

Appearance	Light Brown Colored Liquid
Specific Gravity	0.96 @20°C
Flammable	No
Staining	No

PACK SIZE

- 20, 50 & 200 Lit. Packs



ADH-EXPON®

High strength epoxy bonding for
joint sealing system

APPLICATION AREA

- Tunnels & culverts, Hydroelectric power plants, Sewage treatment plants, Roof joints, Basements, Water retaining structures, Joints between rigid & flexible surfaces, Around iron, steel & cement pipes
- Repairing surface defects in concrete in horizontal, vertical and overhead applications Fining of injection ports for Master Inject resins, Bonding of dowels, bolts and anchors into concrete
- Rapid structural repair of concrete

APPLICATION PROCEDURE

- Prime the surface if necessary with BUTABOND SBR mixed with cement.
- Mix the pack of part A and part B properly which is supplied in pre weight quantity.
- Apply the mix evenly with the help of trowel or spatula on the Prepared Surface.

ADVANTAGES

- Low VOC makes it eco friendly
- High resistance to chemical resistance
- Highly adhesive to W-EXPON belt
- High resistance to aggressive environment
- Highly durable

PROPERTIES

Mixed color	Grey Paste
Mixed Density	1.83 to 1.87 gm/cm ³
Compressive Strength N/mm ²	>60 @ 7days
Pot life	50 min @50°C

PACK SIZE

- 6 kg Kit



Product Selection &
Coverage Calculation

Visit Our Website

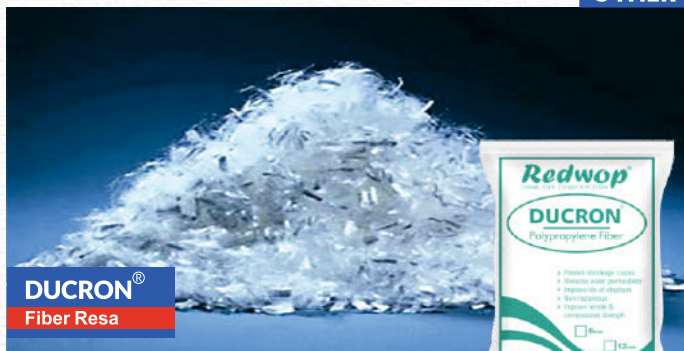
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Product Selection &
Coverage Calculation

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DUCRON® Fiber Resa

APPLICATION AREA

- Concrete blocks, Railway sleeper, manhole covers & tiles
- Roads & pavements
- Slabs, Footings, Foundation, walls and tanks
- Bridges & dams
- PCC & RCC plastering

APPLICATION PROCEDURE

- The recommended dosage of fiber resa DUCRON is 1 pouch in 50 Kg of Cement

ADVANTAGES

- Increases flexibility of concrete
- Improves tensile and compressive strength
- Reduces water permeability
- Non-hazardous

PROPERTIES

Appearance	White
Abrasion Resistance	30 to 40%
Rebound Loss	60 to 70%
Flammable	No
Toxic	No

PACK SIZE

- 85 & 125 gm Pouch



Product Selection &
Coverage Calculation

Visit Our Website

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REDIPLAST® Ready Mix Plaster

APPLICATION AREA

- AAC, Fly Ash, Clay Brick, Stone & Concrete block walls
- Concrete Surfaces

APPLICATION PROCEDURE

- **Cleaning brickwork:** Small trial area should be cleaned with suitable RECLEANER should be selected and rubbed.
- **Cleaning large items of equipment:** Liberally apply to the deposits by a soft broom and allow to soak overnight.
- **Cleaning small tools:** Use as a dip. The tools should be soaked overnight, then taken out and washed with clean water to remove all loosely adhering materials
- **Cleaning concrete floors:** In Pre-wet the floors use a stiff bristle broom, brush the affected areas with RECLEANER.

ADVANTAGES

- High compressive and tensile strength increases masonry strength and load-bearing capacity
- Provides smooth finish walls even in a single coat
- Excellent Surface finish

PROPERTIES

Appearance	Grey Powder
PH	7 to 8
Specific Gravity	2.1 kg/lit

PACK SIZE

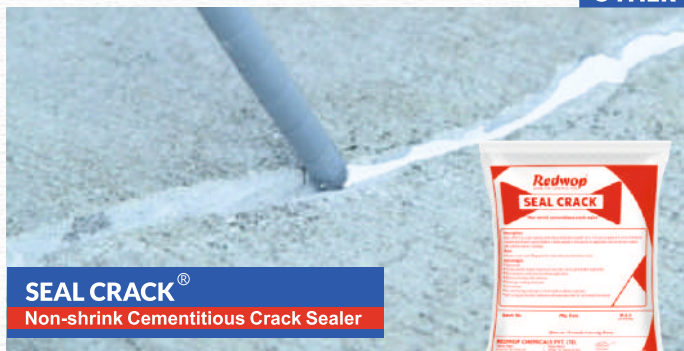
- 40 kg Bags



Product Selection &
Coverage Calculation

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SEAL CRACK®

Non-shrink Cementitious Crack Sealer

APPLICATION AREA

- Ready to use crack filling paste for internal & external surface cracks

APPLICATION PROCEDURE

- SEAL CRACK shall be mixed with water adopting w/p ratio 0.36 by weight or a mix proportion of 1 part of water to 2.5 - 3.0 parts of SEAL CRACK, by volume then apply on the groove directly with the help of trowel.

ADVANTAGES

- Can be used for plaster, masonry or concrete, can be painted after application
- For horizontal, vertical and overhead applications
- Effective bonding with substrate
- Shrinkage cracking eliminated
- UV resistant
- For non-moving cracks up to 5-6 mm wide in plasters and walls

PROPERTIES

Appearance	White Powder
Setting Time	15 to 20 Minutes
Compressive Strength	22 N/mm ² @ 7 days
Minimum Application Temperature	10°C
Wet Density	1.95 gm/cc

PACK SIZE

- 1 & 20 kg Pack



Product Selection &
Coverage Calculation

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W - EXPON®

Ethylene propylene diene monomer flexible belt

APPLICATION AREA

- Tunnels & culverts, Hydroelectric power plants, Sewage treatment plants, Roof joints, Basements, Water retaining structures, Joints between rigid and flexible surfaces, Around iron, steel and cement pipes, ventilated facades and window installations
- Large areas of concrete such as pavements, runways & bridge decks; also for vertical or sloping surfaces as on towers, chimneys, canal linings, columns & beams, where water curing is difficult or unreliable

APPLICATION PROCEDURE

- W-EXPON sheet tension-free and in a way that movement of the connected building parts can be accommodated without damaging the membrane. Press the membrane sheet on the adhesive by a plastic roller.

ADVANTAGES

- Highly flexible waterproofing and vapor control system
- Fast, easy and secure application even in corners
- Membrane pre-treatment free Suitable for uneven substrates (blowholes in concrete), leveling of substrate by adhesive
- Durable bond and barrier/seal
- Ozone- and UV-resistant
- Minimizes risk of drying shrinkage, cracks and dusty surfaces
- Non-toxic and nonflammable

PROPERTIES

Appearance	Elastic EPDM belt
Color	Off White
Elongation at break (ISO 37)	620 %
Application temperature	5 - 40°C
Tensile strength (ISO 37)	4 Mpa

PACK SIZE

- 4, 6, 8 & 12 inch Roll



Product Selection &
Coverage Calculation

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REDWOP® POZO

Partial Replacement of Portland Cement

APPLICATION AREA

- In specially designed concrete
- In mortar
- In cement grout
- In blended cement

APPLICATION PROCEDURE

- The optimum dosages of REDWOP POZO can be decided on the basis of requirements of structure by concrete designer as per mix design.

ADVANTAGES

- It can be used to replace cement in concrete
- compatible with almost all concrete admixture
- Reduce heat of hydration in mass concrete
- It can be used to produce sulphate resistance concrete
- In water retaining structure
- Protect steel reinforcement more efficiently
- Provide higher resistance to chloride ingress
- Increase strength of concrete
- Increase strength

COMPLIANCE STANDARD

- IS 9103:1999 (Certificate No. :- CM/L-7600149811)

PROPERTIES

Appearance	Grey Colored Fine Powder
Sp. Gravity	2.3 to 2.5
Loss in Ignition	< 2.5%

PACK SIZE

- 50 kg Bags



Product Selection &
Coverage Calculation

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REDWOP® CREKA N

Partial Replacement of Portland Cement

APPLICATION AREA

- High performance concrete
- Precast concrete
- Spray applied concrete

APPLICATION PROCEDURE

- Dosage can be adjusted to meet various mix design requirements or to specific job site conditions. Trial concrete or grout mixes must be carried out to determine the appropriate dosage. Typical dosage is between 2% and 8% of cement content.

ADVANTAGES

- Precast works
- Produces high early and higher ultimate compressive strengths
- Eliminates steam curing, saving on heating costs
- Shotcrete usage
- Less material wastage and greater efficiency of product use
- High impermeability and significantly less rebound loss
- Protects reinforcing steel from corrosion
- Improved bonding strength
- Thicker applications with each nozzle pass & enhanced pumpability

PROPERTIES

Components (% by weight)	Silicon Material Produce
SiO ²	92%
Available Alkalis	0.5-1.5%
Loss on Ignition	2.0-4.0%
Moisture Content	0.1-0.35%
Dry Bulk Density	500 - 700 kg/m ³

PACK SIZE

- 25 kg Bags



Product Selection &
Coverage Calculation

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COREFIX

Core Fixing Epoxy Grout

APPLICATION AREA

- To fill the gap between pipe & casing.
- To avoid longterm deterioration of pipe.
- Grouting of base plates of turbines, compressors, boiler feed pumps.

APPLICATION PROCEDURE

- Pour all the resultant liquid into a container with a capacity of 10 liters. Add all the filler provided for each product. Mix. Using a slow speed power mixer for 2 minutes or until a uniform colour is achieved in the grout.

ADVANTAGES

- To provide additional support & protection to the pipeline.
- High compressive, tensile and flexural strengths.
- Fast, convenient installation with early strength gain. Applicable on both vertical & horizontal direction.

PACK SIZE

- 5 kg Set



STEELGUARD

Zinc Based Anti-Corrosive Coating

APPLICATION AREA

- Steel surface
- Concrete surface

APPLICATION PROCEDURE

- Corroded steel shall be fully exposed and all loose scale and corrosion deposits shall be removed.
- The corrosion due to presence of chlorides on the steel should be cleaned with water at very high pressure and allowed to dry. STEELGUARD is used as a primer on reinforced bars for anticorrosive system, on exterior surfaces of machinery, fertilizers tanks, and girders in industries.
- STEELGUARD may be applied by the use of suitable brushes or rollers.
- All substrates should be treated with two coats of STEELGUARD.. The first coat should be applied to all areas by the use of suitable brushes or rollers to achieve a uniform coating with wet film thickness not less than 175 microns.
- The second coat of STEELGUARD should be applied exactly as detailed above, again achieving a wet film thickness not less than 175 microns.

ADVANTAGES

- Combats corrosion
- Permanent protection to the steel structures
- Excellent adhesion to steel
- Time Saving-touch dry after 15 to 20 Minutes
- Exhibits excellent bond strength in cementitious repair

PACK SIZE

- 20 Ltr. Pack



Product Selection &
Coverage Calculation

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NOTES

Handwriting practice lines consisting of 20 horizontal dotted lines.

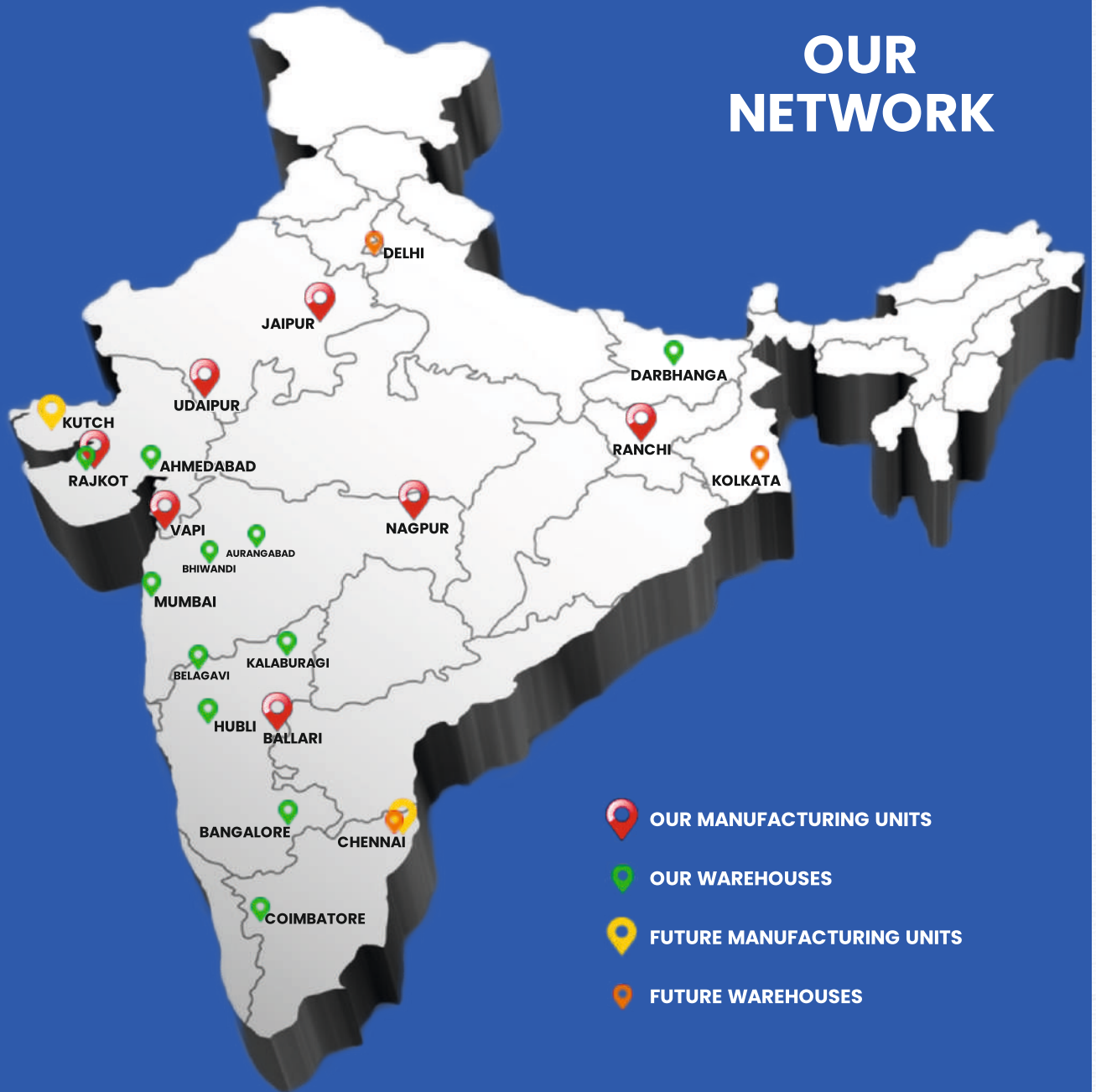
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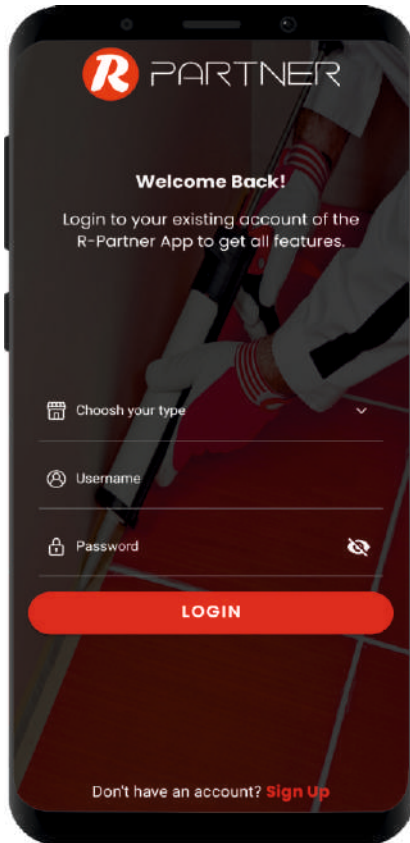
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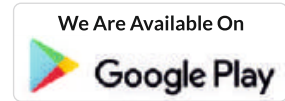
OUR NETWORK



-  OUR MANUFACTURING UNITS
-  OUR WAREHOUSES
-  FUTURE MANUFACTURING UNITS
-  FUTURE WAREHOUSES



PARTNER



Our Application

R Partner Scan App is for usage by Redwop Applicators who buy Redwop products. R Partner Scan App helps scan and validate QR codes on redeemable coupons in selected packs of Redwop products. These validated coupons would result in instant credit of the coupon value to the Wallet account updated by the user on the Redwop R Partner App.

Application Features

- Wallet
- Notifications
- Scan Coupon to get Points
- Offer for you
- Coupons
- View Wallet Transactions of scanned coupon

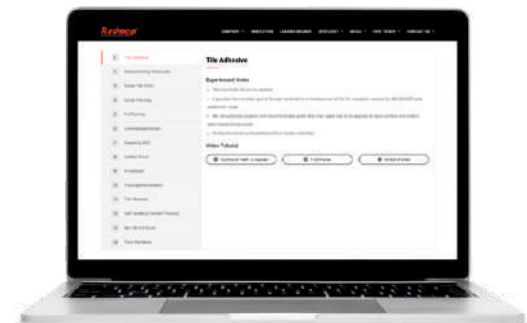
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- Admixture Selection
- Tile Adhesive Selection
- Stone Adhesive Selection



- Quick & easy calculations
- Product wise calculator
- 24X7 online free access

- Product demonstration videos
- Expert technical guidance
- Knowledge-base for product usage



VALUABLE CUSTOMERS

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- ▶ Gujarat Police Housing Board
- ▶ Delhi Metro Rail Corporation Ltd.
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- ▶ Water Resources Department
- ▶ Godrej & Boyce Co. Ltd.
- ▶ IJM Concrete Products Private Limited
- ▶ Designer Concrete Pvt. Ltd.
- ▶ GaamUP Infra Pvt. Ltd.
- ▶ Brihanmumbai Municipal Corporation
- ▶ Skymix Concrete
- ▶ Skyvok Concrete LLP
- ▶ Urban Infra Solution
- ▶ ArisInfra Solutions Private Limited
- ▶ Bygging India
- ▶ Concretech India
- ▶ Kunal Structure (India) Pvt. Ltd.
- ▶ Om Shivam Buildcon Pvt. Ltd.
- ▶ Shiv Shambho Infra Project Pvt. Ltd.
- ▶ Patel Infrastructure Pvt. Ltd.
- ▶ Deep Industries Ltd.
- ▶ Reliance Jio Infocomm Ltd.
- ▶ Ultratech Cement Ltd
- ▶ Sardar Sarovar Narmada Nigam Ltd.
- ▶ Raviraj Plastics Pvt. Ltd.
- ▶ Sawan India Overseas
- ▶ Uttam Dairy Ahmedabad
- ▶ Bhadra High Court
- ▶ Mother Dairy Gandhinagar
- ▶ Shanti Construction
- ▶ PSP Projects
- ▶ Katira Construction Gandhinagar
- ▶ Digvijay Cement Industry Ltd.
- ▶ MHADA
- ▶ National Dairy Development Board
- ▶ Frick India Limited
- ▶ Essar Oil Ltd.
- ▶ Indian Oil Corporation Ltd.
- ▶ Gail India Ltd.

SOLUTIONS FOR EVERY SECTOR



AIRPORT



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DAM & IRRIGATION



OIL & GAS PLANT



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