



TILE & STONE ADHESIVE



IS : 9103
 CM/L-7600149811

IS : 2645
 CM/L-7600150113

IS : 15477
 CM/L-7600053713

IS : 14948
 CM/L-7600185217



TILE & STONE ADHESIVE



Type - I



Type - II



Type - II



Type - II



Type - II



Type - II



Type - II



Type - III



Type - III



Type - III



Type - IV



Type - IV



Type - V



Type - V



Bonding Enhancer



Epoxy Grout



Sanded Grout



Polymer Grout



TILES APPLICATION PROBLEM & SOLUTION



Reason for Debonding Tiles

Substrates damp & Saline Surface
Lake of spacing between tiles
Poor workmanship
Steel trowel not used while Application
Incorrect products consultation
Extra cement and Sand addition
External Impact or Jerk
Thermal Expansion and Contraction
Water is not sprayed to the substrate
-prior to commencing the work.



Mitigation

Ensure surface of substrates-
should be clean or strong.
Maintain Sufficient gap between tile to-
accommodate expansion and contraction.
Use steel trowel on both Surfaces -
Substrate and tile back side.
Spray water on substrate before work
started.
To increase bonding Strength-
Use ADMIX EXTRA BOND.

Fix the Root Cause of Tile Debonding.

PRODUCT CONSULTATION

1. CONSULTATION FOR TILE ADHESIVE

TILE SIZE

- A) 12'x18', 1'x1' TERATILE CLASSIC
- B) 2'x4', 4'x4' TERATILE SILVER, TERATILE GP, TERATILE SP
- C) 2'x4', 4'x4' TERATILE GOLD, TERATILE MP, TERATILE SINEX
- D) 2.5'x5' TERATILE DIAMOND, TERATILE EMRALD
- E) 4'x6', 8'x4' TERATILE PLATINUM
- F) 6'x8' TERATILE PROLIX
- G) Above 8' TERATILE PROLIX EXTRA

2. CONSULTATION FOR STONE ADHESIVE

STONE SIZE

- Up to 2 ft TERATILE SILVER, TERATILE GP, TERATILE SP
- 3 to 4 ft TERATILE GOLD, TERATILE SINEX, TERATILE MP
- 4 to 6 ft TERATILE DIAMOND, TERATILE EMRALD, TERATILE PLATINUM,
- 6 to 8 ft TERATILE PROLIX
- Above 8 ft TERATILE PROLIX EXTRA

For granite fixing it is very important that back side of Granite stone has to be cured with our product named ADMIX EXTRA BOND, which is two pack products used to increase bonding strength.

Note: On parapet to provide a minimum gap of 1 to 3mm to adjust expansion and contraction.

3. STONE / TILES ON WOOD, STEEL & ALUMINUM

Stone, tiles - application on Wood, Steel, Alluminium.

We can use **Flexo Plus & Flexo PU** Adhesive

TILE ADHESIVE

ADMIX EXTRA BOND

Tile Adhesive Bonding Enhancer

Product Redwop Product Code	Tile Adhesive Bonding Enhancer Admix Extra Bond Two Part (2kg powder & 1kg Liquid)(2:1) Grey & White (Mixed Color)
Technical Information	
Appearance	Liquid
Ph	11 to 12
Tensile Strength	4N/mm ²
Setting Time	24 hrs
Packing Size	3kg, & 30kg Set
Coverage	20ft ² per 1kg (as per surface status)



Use	Advantage	Application Procedure
Tile on Tile	Improves the adhesion	Mix powder part in a liquid properly
Natural Stone	Reduces water permeability.	and maintain consistency, then apply
Artificial Stone	Improves the toughness & flexibility	by Brush or Roller
Improves resistance to water vapor.		
Safety: Wear hand gloves & Goggles while application works		Packing Size: 3 & 30 kg pack

TERATILE CLASSIC Type-I, C1TE

Parameters as per IS:15477

Properties	Specification
Tensile Strength Dry Condition	0.5N/mm ²
Shear strength Dry Condition	-
Open Time	>20 Min
Adjustability time	>20 Min
Slip Resistance	<0.5 mm
Deformability	-
S1	-
S2	-
Appearance	Grey Powder
Potlife	2 hr
PH	11 to 12



3★★★



Use	Advantage	Application Procedure
Ceramic Tiles	Easy to apply	Mix 20kg of adhesive powder in
Horizontal Tiles	Good tensile & bonding Strength Self Curable	Sufficient quality of water then mix it properly then apply it by steel trowel.

Safety: Wear hand gloves & Goggles while application works

Packing Size: 20 & 40 kg Bag

TILE ADHESIVE

TERATILE GP Type-II, C2TE

Parameters as per IS:15477

Properties		Specification
Tensile Strength Dry Condition		>1N/mm ²
Shear strength Dry Condition		>1.25N/mm ²
Open Time		>20 Min
Adjustability time		>20 Min
Slip Resistance		<0.5 mm
Deformability		-
S1		-
S2		-
Appearance		Grey Powder
Potlife		2 hr
PH		11 to 12



5★★★★★



Use Advantage Application Procedure

Ceramic Tiles	Easy to apply	Mix 20kg of adhesive powder in
Vitrified Tiles	Good tensile & -bonding Strength	Sufficient quality of water then
Stone	Self Curable	mix it properly then

Safety: Wear hand gloves & Goggles while application works

Packing Size: 20 & 40 kg Bag

TERATILE SILVER Type-II, C2TE

Parameters as per IS:15477

Properties		Specification
Tensile Strength Dry Condition		>1N/mm ²
Shear strength Dry Condition		>1.25N/mm ²
Open Time		>20 Min
Adjustability time		>20 Min
Slip Resistance		<0.5 mm
Deformability		-
S1		-
S2		-
Appearance		Grey Powder
Potlife		2 hr
PH		11 to 12



5★★★★★



Use Advantage Application Procedure

Ceramic Tiles	Easy to apply	Mix 20kg of adhesive powder in
Vitrified Tiles	Good tensile & -bonding Strength	Sufficient quality of water then
Stone	Self Curable	mix it properly then

Safety: Wear hand gloves & Goggles while application works

Packing Size: 20 & 40 kg Bag



TILE ADHESIVE

TERATILE SP Type-II, C2TE

Parameters as per IS:15477

Properties		Specification
Tensile Strength Dry Condition		>1N/mm ²
Shear strength Dry Condition		>1.25N/mm ²
Open Time		>20 Min
Adjustability time		>20 Min
Slip Resistance		<0.5 mm
Deformability		-
S1		-
S2		-
Appearance		Grey Powder
Potlife		2 hr
PH		11 to 12



5★★★★★



Use Advantage Application Procedure

Ceramic Tiles	Easy to apply	Mix 20kg of adhesive powder in
Vitrified Tiles	Good tensile & -bonding Strength	Sufficient quality of water then
Stone	Self Curable	mix it properly then

Packing Size: 20 & 40 kg Bag

Safety: Wear hand gloves & Goggles while application works

TERATILE MP Type-II, C2TE

Parameters as per IS:15477

Properties		Specification
Tensile Strength Dry Condition		>1N/mm ²
Shear strength Dry Condition		>1.25N/mm ²
Open Time		>20 Min
Adjustability time		>20 Min
Slip Resistance		<0.5 mm
Deformability		-
S1		-
S2		-
Appearance		Grey Powder
Potlife		2 hr
PH		11 to 12



7★★★★★★★



Use Advantage Application Procedure

Ceramic Tiles	Easy to apply	Mix 20kg of adhesive powder in
Vitrified Tiles	Good tensile & -bonding Strength	Sufficient quality of water then
Stone/Granite	Self Curable	mix it properly then
Framing		
Tile on Tile		apply it by steel trowel.

Packing Size: 20 & 40 kg Bag

Safety: Wear hand gloves & Goggles while application works

TILE ADHESIVE

TERATILE GOLD Type-II, C2TE

Parameters as per IS:15477

Properties		Specification
Tensile Strength Dry Condition		>1N/mm ²
Shear strength Dry Condition		>1.25N/mm ²
Open Time		>20 Min
Adjustability time		>20 Min
Slip Resistance		<0.5 mm
Deformability		-
S1		-
S2		-
Appearance		Grey Powder
Potlife		2 hr
PH		11 to 12



7★★★★★



Use Advantage Application Procedure

Ceramic Tiles	Easy to apply	Mix 20kg of adhesive powder in
Vitrified Tiles	Good tensile &	Sufficient quality of water then
Stone/Granite	-bonding Strength	mix it properly then
Framing		apply it by steel trowel.
Tile on Tile	Self Curable	

Safety: Wear hand gloves & Goggles while application works

Packing Size: 20 & 40 kg Bag

TERATILE SINEX Type-II, C2TE

Parameters as per IS:15477

Properties		Specification
Tensile Strength Dry Condition		>1N/mm ²
Shear strength Dry Condition		>1.25N/mm ²
Open Time		>20 Min
Adjustability time		>20 Min
Slip Resistance		0.5 mm
Deformability		-
S1		-
S2		-
Appearance		Grey Powder
Potlife		2 hr
PH		11 to 12



7★★★★★



Use Advantage Application Procedure

Ceramic Tiles	Easy to apply	Mix 20kg of adhesive powder in
Vitrified Tiles	Good tensile &	Sufficient quality of water then
Stone/Granite	-bonding Strength	mix it properly then
Framing		apply it by steel trowel.
Tile on Tile	Self Curable	

Safety: Wear hand gloves & Goggles while application works

Packing Size: 20 & 40 kg Bag

TILE ADHESIVE

TERATILE DIAMOND Type-III, C2TES1

Parameters as per IS:15477

Properties		Specification
Tensile Strength Dry Condition		> 1.5N/mm ²
Shear strength Dry Condition		> 1.5N/mm ²
Open Time		> 20 Min
Adjustability time		> 20 Min
Slip Resistance		< 0.5 mm
Deformability		> 2.5mm
S1		-
S2		Grey / White Powder
Appearance		2 hr
Potlife		11 to 12
PH		



Use Advantage Application Procedure

Ceramic Tiles	Easy to apply	Mix 20kg of adhesive powder in
Vitrified Tiles	Good tensile &	Sufficient quality of water then
Stone/Granite	-bonding Strength	mix it properly then
Framing		apply it by steel trowel.
Tile on Tile	Self Curable	

Safety: Wear hand gloves & Goggles while application works

Packing Size: 20 & 40 kg Bag

TERATILE EMERALD Type-III, C2TES1

Parameters as per IS:15477

Properties		Specification
Tensile Strength Dry Condition		> 1.5N/mm ²
Shear strength Dry Condition		> 1.5N/mm ²
Open Time		> 20 Min
Adjustability time		> 20 Min
Slip Resistance		< 0.5 mm
Deformability		> 2.5mm
S1		-
S2		Grey / White Powder
Appearance		2 hr
Potlife		11 to 12
PH		



Use Advantage Application Procedure

Ceramic Tiles	Easy to apply	Mix 20kg of adhesive powder in
Vitrified Tiles	Good tensile &	Sufficient quality of water then
Stone/Granite	-bonding Strength	mix it properly then
Framing		apply it by steel trowel.
Tile on Tile	Self Curable	

Safety: Wear hand gloves & Goggles while application works

Packing Size: 20 & 40 kg Bag



TILE ADHESIVE

TERATILE PLATINUM Type-III, C2TES1

Parameters as per IS:15477

Properties		Specification
Tensile Strength Dry Condition		> 1.5N/mm ²
Shear strength Dry Condition		> 1.5N/mm ²
Open Time		> 20 Min
Adjustability time		> 20 Min
Slip Resistance		< 0.5 mm
Deformability		
S1		> 2.5mm
S2		-
Appearance		Grey / White Powder
Potlife		2 hr
PH		11 to 12



Use	Advantage	Application Procedure		
Ceramic Tiles	Easy to apply	Mix 20kg of adhesive powder in		
Vitrified Tiles	Good tensile &	Sufficient quality of water then		
Stone/Granite	-bonding Strength	mix it properly then		
Framing		apply it by steel trowel.		
Tile on Tile	Self Curable	Packing Size: 20 & 40 kg Bag		
Safety: Wear hand gloves & Goggles while application works				

TERATILE PROLIX Type-IV, C2TES2

Parameters as per IS:15477

Properties		Specification
Tensile Strength Dry Condition		> 1.5N/mm ²
Shear strength Dry Condition		> 1.5N/mm ²
Open Time		> 20 Min
Adjustability time		> 20 Min
Slip Resistance		< 0.5 mm
Deformability		
S1		-
S2		> 5mm
Appearance		Grey / White Powder
Potlife		2 hr
PH		11 to 12



Use	Advantage	Application Procedure		
Ceramic Tiles	Easy to apply	Mix 20kg of adhesive powder in		
Vitrified Tiles	Good tensile &	Sufficient quality of water then		
Stone/Granite	-bonding Strength	mix it properly then		
Framing		apply it by steel trowel.		
Tile on Tile	Self Curable	Packing Size: 20 & 40 kg Bag		
Safety: Wear hand gloves & Goggles while application works				

TILE ADHESIVE

TERATILE PROLIX EXTRA Type-IV, C2TES2

Parameters as per IS:15477

Properties	Specification
Tensile Strength Dry Condition	> 1.5N/mm ²
Shear strength Dry Condition	> 1.5N/mm ²
Open Time	> 20 Min
Adjustability time	> 20 Min
Slip Resistance	< 0.5 mm
Deformability	-
S1	> 5mm
S2	Grey / White Powder
Appearance	2 hr
Potlife	11 to 12
PH	



Use

Advantage

Application Procedure

Ceramic Tiles	Easy to apply
Vitrified Tiles	Good tensile &
Stone/Granite	-bonding Strength
Framing	
Tile on Tile	Self Curable

Mix 20kg of adhesive powder in Sufficient quality of water then mix it properly then apply it by steel trowel.

Safety: Wear hand gloves & Goggles while application works

Packing Size: 20 & 40 kg Bag

EPOXY ADHESIVE

FLEXOPLUS Type-V, R2S2

Product	Epoxy Adhesive
Redwop Product Code	Flexo Plus
Part	Two Part
Appearance	Resin Paste White, Hardener Paste Light Brown
<i>Technical Information</i>	
Water absorptions	Nil
Pot life @30°C	2 hrs
Shear Strength	>6N/mm ²
Coverage	1mm thick /1.7kg per 10ft ²



Use

Advantage

Application Procedure

Wood	High Strength
Steel	Good Bonding Strength
Aluminum	Flexibility
Natural Stone	
Artificial Stone	

Surface cleaning: Dust to be remove and make surface clean dry. Mix Resin & Hardener as per given wt ratio & Apply on the substrate by steel trowel then paste tiles or stone pieces.

Safety: Wear hand gloves & Goggles while application works

Packing Size: 1,2,5 & 20kg Set



PU ADHESIVE

FLEXO PU

Type-V, R1S2

Parameters as per IS:15477

Product	PU Adhesive
Redwop Product Code	Flexo PU
Part	Single Part
Appearance	White
<i>Technical Information</i>	
Water absorptions	Nil
Pot life @30°C	8 hrs
Shear Strength	>3.4N/mm ²
Coverage	1mm thick /1.6kg per 10ft ²



Use Advantage Application Procedure

Wood	High Strength	Surface cleaning: Dust to be remove and make surface clean dry.
Steel	Good Bonding Strength	Mix properly before use, then apply on the substrate by small size steel trowel
Aluminum	Flexibility	
Natural Stone		
Artificial Stone		

Safety: Wear hand gloves & Goggles while application works

Packing Size: 1, 5 & 20kg Bucket

EPOXY GROUT

EPTILE GROUT

Epoxy Tile Grout

Product	Epoxy Grout
Redwop Product Code	Eptile Grout
Part	Three Part or Two Part
Appearance	Resin Hazy white & Hardener light brown
<i>Technical Information</i>	
Water absorptions	Nil
Pot life @30°C	2 to 4 hrs
Bonding strength to the substrate	>7N/mm ²
Coverage	3mm depth and 3mm thick will cover approx. 200ft ²



Use Advantage Application Procedure

Terrace	High Strength
Toilet	High genic
Bathrooms	Mild acid resistance
Furniture wood works	Good bonding strength
Room floor and wall	Easy to cleaning
Kitchen	

Packing Size: 1, 5, & 20 kg Set

Safety: Wear hand gloves & Goggles while application works

Surface cleaning:

Remove grooves loose material and cleaning by air blower.

Application procedure:

Pre grouts: Min. 3 mm pre gouts to be filled and dry it for 24hrs

Epoxy grouts: Mix resin and hardener properly then add filler as per required paste consistency. Fill in the grout then clean it by wetted spongy cloth after 20min. Then clean it by water and recleaner 100 with ration 2:1

TILES GROUT

TERATILE ECO 2-15 Sanded Grout

Product	Sanded Grout
Redwop Product Code	Eco 2-15
Part	Single powder
Appearance	As per shed card selected color
Technical Information	
Water absorptions	>1%
Pot life @30°C	2 to 4 hrs
Bonding strength to the substrate	>2N/mm ²
Coverage	as per size of grooves



Use	Advantage	Application Procedure
Terrace	High Strength	<i>Surface cleaning:</i>
Toilet	Good bonding strength	Remove grooves loose material and cleaning by air blower.
Bathrooms	Easy to cleaning	<i>Application procedure:</i>
Parking area		Mix water in grout powder as per consistence paste, then fill it in groove of grout up to 15mm gap. Clean it by water spongy cloth.
Elevation stone		To increase the bonding strength and minimize crack, To be added poly grout as per 100ml in 1kg grouts

TERATILE GROUT Polymer Modified Tile Grout

Product	Polymer Modified Tile Grout
Redwop Product Code	Teratile Grout
Part	Single powder
Appearance	As per shed card selected color
Technical Information	
Water absorptions	Nil
Pot life @30°C	Approx 2 hrs @30°C
Bonding strength to the substrate	>1N/mm ²
Coverage	as per size of grooves



Use	Advantage	Application Procedure
Terrace	Extra fine finish	<i>Surface cleaning:</i>
Toilet	High resistance to sunlight	Remove grooves loose material and cleaning by air blower.
Bathrooms	Easy to cleaning	<i>Application procedure:</i>
	Designed for grouting wall & floor tiles	Take pre-measured water in a clean mixing vessel. Add Teratile Tile Grout in the vessel and mix until a lump free smooth paste of uniform colour is obtained, To be added poly grout as per 100ml in 1kg grouts



Packing Size: 1 , 5, & 20 kg

Safety: Wear hand gloves & Goggles while application works

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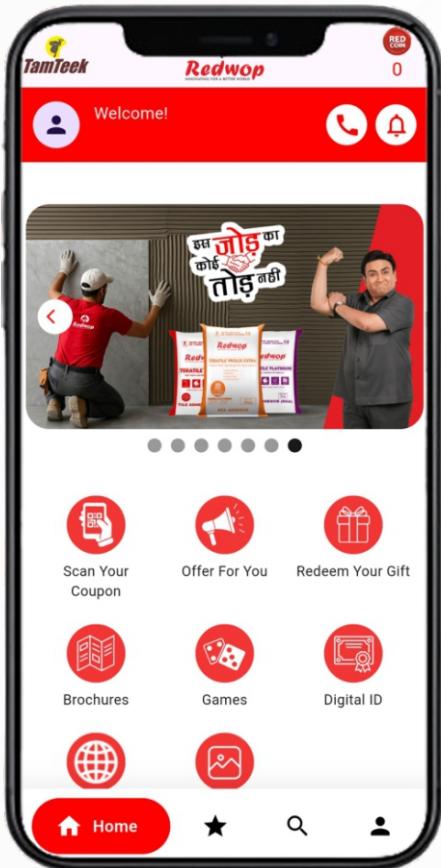
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