GODRY MAXCOAT 1X
SBR Based Bonding and Waterproofing Agent

Indicus

INDICUS GODRY MAXCOAT 1X

MAXCOAT 1X is a modified styrene butadiene rubber (SBR) emulsion specially designed to form a bonding slurry when mixed with cement. It can be used to waterproof small areas and to repair mortars and concrete in building rehabilitation works.

Areas of Application

INDICUS GODRY MAXCOAT 1X can be used:

- As waterproof coating for small areas
- As bonding aid between old and new concrete
- As bonding agent for floor toppings, mortars, construction joints, etc.
- For wear resistant floor screeds with less dusting and improved resistance to cracking

Features

- **Multipurpose:** Can be uses as a bonding agent, modifier for cement-sand & concrete mixes in building repairs.
- **Provides excellent bonding:** Delivers strong bonding to concrete, masonry work, plasters, and most of cement repair works.
- **Improves water resistance:** Repels water and prevents leakages and dampness.
- **Increases tensile and flexural strength:** Enhances the strength of repair mortar, provides durability, and allows thin applications in demanding application areas.
- **Improves abrasion resistance:** Reduces erosion of top layer & prevents dust generation in screeds.

Technical Information

Property	Result
Nature	One pack, white, free flowing liquid
pH Value	9-9.5
Specific Gravity	$1.02 \pm .01$
Solid Content	43 ± 1
Shelf Life	12 Months

Application Procedure

Surface Preparation

1. Clean the surface and reinforcement bars thoroughly and ensure it is free from dust, dirt, grease, loose particles and any contamination.
2. Smooth surfaces must be mechanically roughened to provide adequate key.

For Waterproof Coating

1. Slowly add MAXCOAT 1X to cement in the ratio of 1:1.5 (MAXCOAT 1X:Cement) by volume.
2. Mix for 2 to 3 minutes by hand, if the quantity is less, or with a spiral paddle stirrer.
3. Apply the first coat by brush and allow it to dry for 4 to 6 hours.
4. Once the first coat is dry, apply the second coat and overlay the coating with a protective screed.

For Bonding Coat

1. Mix 1 part of MAXCOAT 1X with 1 part of cement to a creamy consistency.
2. Apply the bonding coat with a stiff brush to the pre-wetted and prepared substrate.
3. Subsequent mortar must then be applied while the bonding coat is still in tacky condition.

For other applications, please refer Typical Mix Design given in the next page.

MAXCOAT 1X Typical Mix Design

Usage As	Mix Design Ratio (in KG)	Application	Coverage (per KG)	Recommended Thickness
Waterproof coating	Cement : 1.5	By brush, in two coats	20 sq.ft. in two coats	1 mm
	Maxcoat 1X : 1			
Bonding coat	Cement : 1	By brush	24 sq.ft.	1 mm
	Maxcoat 1X : 1			
Passivator coat	Cement : 1	By brush	2 - 3 m for 25 mm rebar	1 mm
	Maxcoat 1X : 1			
Plaster for masonry	Cement : 1	By trowel	5 sq.ft. at 8 mm thickness	8 to 30 mm
	Sand : 3			
	Maxcoat 1X : 1			
Floor repair mortar for high traffic areas	Cement : 1	By trowel	3 sq.ft. at 5 mm thickness	4 to 6 mm
	Sand : 1.6			
	Maxcoat 1X : 0.6			

Note: Coverage will vary depending on the condition of the substrate and method of application.

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