

MODY-BOND 30SBR

High Performance Latex Polymer Additive

DESCRIPTION:

Mody-Bond 30SBR is a high performance liquid latex admixture formulated to mix with Ordinary Portland Cement (OPC) as Bond Coat Slurry which promotes adhesion of renders, plasters and floor screeds to building surfaces. The alkaline environment of Bond Coat Slurry can protect embedded steel reinforcement.

USES:

- Mix with cement as Bond Coat Slurry to promote the adhesion of renders, plasters and floor screeds
- As a protection slurry for steel reinforcement
- Enhance the adhesion strength of mortar and spatter dash.

FEATURES AND BENEFITS:

- As a surface modifier to enhance the adhesion of render and screed
- Improve the cohesion strength of the mortar
- Excellent bonding to concrete, masonry and panel wall
- Contain no chloride

SURFACE PREPARATION:

- The concrete substrate should be clean, structurally sound, adequately true and level to achieve specified tolerances, free from contamination, loose particles and any foreign materials, which may affect the mortar's bonding to the substrate.
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- Before application, dampen the concrete surface with clean water and allow excess water to drain away.

APPLICATION:

- Installation of Mody-Bond 30SBR Slurry and steel reinforcement
 - Prepare the slurry by mixing Mody-Bond 30SBR with Ordinary Portland Cement (OPC) at a ratio of 1:1 (by weight).
 - Stir the mixture thoroughly by using an electric mixer until a purple homogeneous slurry coat is obtained.
 - A layer of slurry coat can be applied by brushing on the concrete surface. Subsequent installation of mortar should be applied on purple homogeneous slurry coat.
 - For steel reinforcement, a layer of Mody-Bond 30SBR Slurry can be applied by brushing on the exposed steel surface, and allows drying before next installation.
 - A new coat of Mody-Bond 30SBR slurry should be applied again before subsequent installation of mortar.
 - When the Mody-Bond 30SBR Slurry turned black, apply another fresh layer. Do not apply mortar on dried Mody-Bond 30SBR Slurry.
- Installation of Spatter dash
 - Prepare the Spatter dash by mixing Mody-Bond 30SBR, with water, sand and OPC at a ratio of 1.5:1:10:5 (by weight).
 - Stir the mixture thoroughly by using an electrical mixer until a purple homogeneous slurry coat is obtained.
 - Spatter dash can be achieved by simply spreading on concrete substrate dampened with water.



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- Installation of repair mortar
- Prepare the repair mortar by mixing Mody-Bond 30SBR, with water, sand and OPC at a ratio of 12:6:125:50 (by weight).
- Stir the mixture thoroughly using an electric mixer.
- Apply repair mortar while the surface of substrate is still damp with Mody-Bond 30SBR.

Coverage

Varies according application:

- Mody-Bond 30SBR Slurry and steel reinforcement 0.17 – 0.2 L/ m²
- Installation of Spatter dash 0.06 – 0.15 L/ m²
- Installation of repair mortar 2 – 3.5 L/ m²

TECHNICAL DATA	
Appearance	White emulsion
Density @ 25 °c	1±0.02 gm/cm ³
Component	Styrene Butadiene Rubber (SBR) emulsion
PH @ 25 °c	9 - 10
Minimum application temperature	5°C
Cement compatibility	Good

CLEAN UP INSTRUCTIONS:

- All tools should be cleaned immediately after use because hardened Mody-Bond 30SBR modified cement compositions have excellent adhesion and are therefore difficult to remove. If this important precaution is overlooked, solvents such as white spirit, solvent naphtha or preferably toluene can be useful in removing hardened latex modified mortar.

PRECAUTIONS:

- Do not use Mody-Bond 30SBR in temperatures above 40°C and below 5°C.

PACKAGING:

- 4 liter plastic gallon
- 20 liter plastic Jerry Can
- 200 liter drum

SHELF LIFE / STORAGE:

- Storage: must be stored in a cool, dry elevated place and protected from high humidity.
- Shelf Life: Up to 12 months in unopened containers, if stored as specified above

ENVIRONMENTAL & SAFETY PRECAUTIONS:

- Keep out of reach of children.
- Material may cause irritation to eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical assistance. After contact with skin, wash immediately with plenty of soap and water.
- For a full MSDS on this product, contact to MBC.