

REBOND SOLID (REBOND)



ACRYLIC EMULSION BASED PRIMER FOR NON-ABSORBENT SURFACES

- Minimizes crack formation
- Provides solid and permanent bonding
- Improves adherence and surface tightness prior to screed and plaster

DESCRIPTION

REBOND SOLID is a single component, acrylic emulsion based surface primer for non-absorbent surfaces that provides high bonding strength.

TYPICAL APPLICATIONS

- Internal and external applications,
- Vertical and horizontal applications,
- Ceramic, glazed pressed brick, natural and compound stone coatings in outdoor applications,
- To prime non-absorbent PVC and metal like smooth surfaces,
- To provide longer working time for leveling and other similar types of screed, enhancing adherence on the surface and minimizing air bubbles,
- To prevent dusting before applications like ceramic tiling, insulation works and paint.

ADVANTAGES

- Improves adherence.
- Provides longer working time for cementitious and gypsum plaster and similar applications.
- Decreases surface absorption.
- Ready to use; can be applied with a brush or roll.
- Minimizes crack formation.
- Does not contain solvents; safe for indoor use.

TECHNICAL PROPERTIES

Color: Transparent

Physical State: Liquid

Density: 1.05 ± 0,05 g/cm³

Application Temperature: +5 °C to +35 °C

No. Of Max. Layers: 1-2 layers

Time Required Before Next Application: min. 6 hours

Service Temperature: -30 °C to +80 °C

The values above are valid for 23 °C and 50% relative humidity.

Public Works Pos. No: 04.613 /11

DIRECTIONS FOR USE

SURFACE PREPARATION

- Any kind of laitance, dirt, oil, grease, curing agent, release agent and dust should be removed from the surface to ensure maximum adhesion.
- The surface should be thoroughly dampened prior to the application but any standing water should be removed.

WORKING AND CURING TIME

- Unlike acrylic and SBR based adhesives, **REBOND SOLID** is re-dispersible, and it will re-activate and become tacky when in contact with fresh concrete and plaster.
- After the application, it is recommended to cast the concrete or mortar within 24 hours. In such cases, make sure there is sufficient amount of **REBOND SOLID** film present on the surface.

AS A PRIMER

- As a primer on porous surfaces, mix 1 unit of **REBOND SOLID** and 1 unit of water, fine sand, and cement. For semi-porous or porosity-free surfaces, mix with 2 units of water and cement and apply at a rate of 0.250 to 0.300 kg/m². On very porous surfaces apply two coats as a primer.
- Do not apply onto glazed surfaces.
- Apply **REBOND SOLID**, at least 6 hours after the primer coating at a rate of 0.200 to 0.250 kg/m² as bonding agent before fresh concrete is poured. Fresh concrete shall be poured before **REBOND SOLID** is dry.

AS A BONDING AGENT

- For bonding ceramic tiles on glazed tiles, without the need for hacking the surface; the primer coat may be omitted but the bonding coat should be applied on the entire surface.
- For bonding plasterboard, polystyrene tiles, ceramic tiles, acoustic boards, etc. to concrete, brick and other cement based surfaces; apply a primer coat as recommended and apply a bonding coat of **REBOND SOLID**. Bonding should be done while the last coat is still tacky.
- Under plasters and cement based self-leveling toppings, apply **REBOND SOLID** with a brush at rate of 0.150 to 0.200 kg/m² depending on the porosity of the surface.

For preparation of durable internal screeds:

- 1 unit of **REBOND SOLID** is diluted with 1-2 of water, and added into a mixture of sand and cement.

As an admixture for internal plaster repairs:

- 1 unit of **REBOND SOLID** is diluted with 1 unit of water, and added into a mixture of sand and cement.

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WATCHPOINTS

- **REBOND SOLID** can be applied with a brush or roller. Do not apply by spraying.
- During the curing period, the temperature of the concrete and the adhesive are important for the bonding strength. The best temperature to form a film for the emulsion is over +6 °C.
- For bonding of two elements which are not cement based, or which are cement based materials that have set, the bonding application should be performed while the final layer is still tacky.
- Stir before use.

PACKAGING

30 kg plastic containers

STORAGE and SHELF LIFE

Store in dry and cool locations. Shelf life is 12 months under suitable storage conditions. Product storage conditions should be adhered to, and the products should not be stored in humid and damp warehouses.

HEALTH and SAFETY

As with all chemicals, contact with skin, eyes or mouth should be avoided during usage or storage. If accidentally ingested seek immediate medical attention. In case of contact with the skin, wash with plenty of water. Reseal containers after use.

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