CMI® PLASTER BONDING AGENT 370

Updated July'26

DESCRIPTION

CMI® Plaster Bonding Agent 370 is a specifically formulated latex emulsion for bonding of cement-based plaster onto smooth concrete surface. It Is blended with quartz sand to improve adhesion onto the substrate. **CMI® Plaster Bonding Agent 370** is characterized by its good alkali and water resistance.

USES

- Bonding agent to improve adhesion of cement mortar onto smooth concrete surfaces, for both interior and exterior use.
- Surface enhancement to bond new cement plaster / render, and cementitious mixes to structurally sound concrete floors, walls, columns and beams.

ADVANTAGES

- Improve surface condition of concrete surface.
- Promote excellent adhesion on critical receiving surface i.e., smooth concrete surface, cement board, etc.
- Significantly reduce hollowness challenges on smooth receiving surface.

Product Type	Product Code	Pack Size	Color	Substrate
Latex Admixture	370	5L / 20L	Bluish Liquid	Concrete, block, cement render, boards, tiles, steel, metal sheet

Technical Data

Appearance	Bluish Liquid
Density	Approx. 1.50 kg/liter
pH	Approx. 8.0 – 9.0
Drying Time	Approx. 2 hours
Application Temperature	+5°C to 35°C

Recommended Total Coating & Construction System

CONCRETE WALL

(I) Interior Wall System

TYPES	PRODUCT NAME	NOMINAL THICKNESS
Surface enhancement*	**: CMI® Plastering Bonding Agent 370**	**: 1 coat**
Plaster / Render*	: CMI® Render 081 / 082 / 083 / 081 SP / 082 SP / 083 SP	: 10 – 12mm
Skim Coat (Base Coat)	: CMI® Base Mortar 381 / 781	: 2-3mm
Skim Coat (Top Coat)	: CMI® Wallskim 281 / 681 / 488	: 1-2mm
Paint (Sealer/Primer)	: Nippon Paint Interior Sealer Range	: 1 coat
Paint (Finishing Coat)	: Nippon Paint Interior Finishing Range	: 2 coats

(II) Exterior Wall System

TYPES	PRODUCT NAME	NOMINAL THICKNESS
Surface enhancement*	**: CMI® Plastering Bonding Agent 370**	**: 1 coat**
Plaster / Render*	: CMI® Render 081 SP / 082 SP / 083 SP	: 10-12mm
Skim Coat (Top Coat) - *Optional*	: CMI® Base Mortar Grey EX 981	: 3-5mm
Paint (Sealer/Primer)	: Nippon Paint Exterior Sealer Range	: 1 coat
Paint (Finishing Coat)	: Nippon Paint Exterior Finishing Range	: 2 coats

**Recommended for wall alignment that require thick undercoat build-up.*

Note:

- Kindly refer to the respective technical datasheet for more information.
- For areas not specified, please consult **Nippon Paint** / **CMI®** Technical Representatives for more information.

Surface Preparation

All surfaces must be sound, clean and free from dirt, dust, grease and other contaminants which will inhibit proper bonding. Remove any brittle, soft and weakly bonded material from the surface of concrete.

Mixing

Stir the product prior to usage as the sand might settled at the bottom of the pail.

Application

Apply the product by painting and rolling onto the surface of concrete. Plaster can be applied while the product is still tacky or alternatively wait for it to fully dry before any subsequent works. It can be over-coated after the first coat had dried for at least 1 hour.

Coverage

Approx. 200 – 250 g/m².

Cleaning

Clean up equipment with water immediately after use.

Safety Precautions

- Wash thoroughly after handling. Do not eat, drink or smoke when using this product.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Precaution should be taken to avoid skin or eye contact or swallowing the product.
- Use adequate ventilation to avoid high vapour concentrations.
- When handling or mixing the product, avoid inhaling vapour.
- In case of inadequate ventilation wear respiratory protection. In case inhaled, remove patient to fresh air and allow to rest.
- In case swallowed, do not induce vomiting. Rinse mouth clear with plenty of water.
- In case contact with eye, immediately rinse with plenty of water and seek medical advice.
- Remove splashes from skin by using soap or water.
- Products must always be stored in a cool, dry and well-ventilated area.
- When transporting the product, care must be taken. Always keep container in a secure upright position.
- Disposal of product should always comply with local and national regulations.

Shelf Life & Storage
Twelve (12) months when stored in cool and dry condition.

Note
The information provided on this datasheet is not intended to be complete and is provided as general advise only. It is the user's responsibility to ensure that the product is suitable for its intended purpose. As we have no control over the treatment of the product, the standard of surface preparation, or other factors, we are not responsible for any damages or injury, including but not limited to special or consequential damages which may result from the use of our products, which includes any damages or injury caused by any failure of performance. The information contained in this datasheet may be modified by us from time to time, without any notice arising from our continuous product development activities.