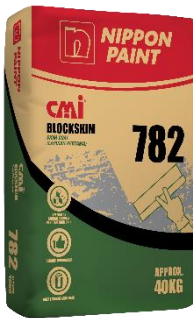


CMI® BLOCKSKIM 782

Updated Mar'22



DESCRIPTION

CMI® BlockSkim 782 is a high-quality polymer modified water-resistant cement-based skim coat. It is a coarser based skim coat, specially formulated for thicker build skim coating work onto hollow block wall, ALC block wall and coarse plastered wall. It can be used for leveling and patching work in dry and wet areas for both internal applications. It is also available in SP-grade for better physical and chemical properties.

CMI® BlockSkim SP have a characteristic of better adhesion and flexural strength with improved water and weather resistance for semi-exposed or exterior finishing application.

USES

- Skim coat with thicker build, onto hollow block wall, ALC block wall and coarse rendered wall for both internal and semi-exposed application.
- Can also be used for levelling and patching works for internal and external application.
- IT SHOULD NOT BE USE ON PAINTED SURFACES.

ADVANTAGES

- Premixed with good and consistent quality.
- User friendly, just need to mix with water and apply.
- Pre-packed, complementing IBS construction to achieve good construction quality and less labour intensive.
- High bonding strength for direct application onto concrete surfaces.
- Good weather resistance, suitable for both interior and semi-exposed application.
- Good workability and water retentivity, promoting good surface improvement prior to skim coat (top coat).

Product Type	Product Code	Pack Size	Finishing	Color	Substrate
Skim Coat (Base Coat)	782 / 782 SP	40kg	Semi-smooth texture	Grey	AAC block

Technical Data

Appearance	Grey Powder
Bond Strength @ 28 days	≥ 0.5 N/mm ² (Standard) ; ≥ 0.6 N/mm ² (SP)
Wet Density	1600 – 1700 kg/m ³
Dry Density	1400 – 1500 kg/m ³
Pot Life @ 30°C	Approx. 2 hours
Recommended Thickness	3 – 6mm per coat
Mixing Ratio	Approx. 25% water on dry material

Recommended Total Coating & Construction System
COMPLETE BLOCK WALL SYSTEM
(I) Block Work

TYPES	PRODUCT NAME	NOMINAL THICKNESS
Block Jointing Adhesive	: CMI® BlockFix 187	: 2-3mm

(II) Interior Wall System

TYPES	PRODUCT NAME	NOMINAL THICKNESS
Skim Coat (Base Coat)	: CMI® BlockSkim 782 / 782 SP	: 3-5 mm
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

(III) Semi-Exposed Wall System

TYPES	PRODUCT NAME	NOMINAL THICKNESS
Surface enhancement <i>- Optional</i>	: CMI® Mortar Bond 330	: 1 coat
Skim Coat (Base Coat)	: CMI® BlockSkim 782 SP / 782	: 3-5 mm
Skim Coat (Top Coat)	: CMI® Wallskim 281 SP / 681 SP / 488 SP	: 1-2mm
Paint (Sealer/Primer)	: Nippon Paint Exterior Sealer Range	: 1 coat
Paint (Finishing Coat)	: Nippon Paint Exterior Finishing Range	: 2 coats

(IV) Exterior Wall System

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

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. Use **CMI® Render** or **CMI® Non-Shrink Grout 222** for patching of surface defects exceeding 5mm. Damp the substrate for dry or high absorbing substrates prior to application of **CMI® BlockSkim 782**.

Mixing

Mix 40 kg bag of **CMI® BlockSkim 782** with approximately 10.0 – 10.5 litres of clean water (Do not add cement or lime into the mixture). Mix thoroughly for 3-5 minutes using mechanical mixer until the homogeneous paste is achieved and lump-free. Allow mixture to stand for 5 minutes and re-stir before use. Re-mix if the mixture is left unattended for more than 30 minutes.

Application

Apply the mixture onto receiving surface using steel trowel. If more than one coat is required due to surface flatness, allow the underlying coat to achieve partial cure or touch dry before applying the subsequent coat.

Coverage
Approx. 1.5kg/m ² /mm thick
Cleaning
Clean up equipment with water immediately after use.
Safety Precautions
<ul style="list-style-type: none"> • Wash thoroughly after handling. Do not eat, drink or smoke when using this product. • Wear protective gloves/protective clothing/eye protection/face protection. • Avoid inhaling dust during handling or mixing of products. • Use only in well-ventilated area. • 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 water and drink two glasses 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 products, care must be taken. Always keep products dry and avoid generating or accumulating dusts during handling. • Disposal of product should always comply with local and national regulations.
Shelf Life & Storage
Six (6) months when stored in cool and dry condition.
Note
<p><i>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.</i></p>