

CMI® WALLSKIM 2781

Updated June'23



DESCRIPTION

CMI® WallSkim 2781 is a high-quality polymer modified water resistant cement-based skim coat (top coat) for finishing on concrete walls or ceilings.

USES

- Interior Skim Coat (Top Coat) for surface improvement on plastered walls, concrete walls ceilings and partially wet rendered surface.
- Highly recommended to be used with **Nippon Paint's interior paint systems** for the best compatibility and long-lasting beauty.
- 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.
- Good workability, water retentivity and good bonding strength, promoting non-powdery and ideal receiving surface for interior painting works.

Product Type	Product Code	Pack Size	Finishing	Color	Substrate
Skim Coat (Top Coat)	2781	40kg	Smooth	Grey	Concrete

Technical Data

Appearance	Grey Powder
Bond Strength @ 28days	≥ 0.5 N/mm ²
Wet Density	1600 – 1700 kg/m ³
Dry Density	1200 – 1300 kg/m ³
Pot Life @ 30°C	Approx. 2 hours
Recommended Thickness	1 – 2 mm per coat
Mixing Ratio	Approx. 42% on dry material

Recommended Total Coating & Construction System

INTERIOR CONCRETE WALL SYSTEM

TYPES	PRODUCT NAME	NOMINAL THICKNESS
Surface enhancement	: CMI® Plastering Bonding Agent 370	: 1 coat
Plaster / Render - <i>Optional</i>	: CMI® Render 081 / 082 / 083 / 081 SP / 082 SP / 083 SP	: 10 – 12mm
Skim Coat (Top Coat)	: CMI® WallSkim 2781	: 2-3mm
Paint (Sealer/Primer)	: Nippon Paint Interior Sealer Range	: 1 coat
Paint (Finishing Coat)	: Nippon Paint Interior 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. Damp the substrate for dry or high absorbing substrates prior to application of **CMI® WallSkim 2781**.

Mixing

Mix 40 kg bag of **CMI® WallSkim 2781** with approximately 16.5 - 17.0 litres of clean water (Do not add cement or lime into the mixture). Mix thoroughly for 3 - 5 minutes using mechanical mixer until the homogenous 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 using steel trowel with minimum 2 coats of application.

CMI® WallSkim 2781 shall be applied as smooth finishing for rendered substrate when the surface is damp or touch dry in order to minimize cracks.

Coverage

Approx. 1.2 kg/m²/mm thick

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.
- 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

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.