

# Gypsum Skim Coat GS-80

*Gypsum based skim coat plaster for decorative finishes*

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## TECHNICAL DATA SHEET

### PRODUCT

**GREENTECH GYPSUM SKIM COAT** is a high quality gypsum based thin skim coat plaster, for interior applications to provide a rigid and smooth surface to receive decorative finish. It is specially formulated for thin layer masonry within 5 mm thickness per coat.

### Uses

- Interior building unit of concrete block, brick surface, block wall, autoclaved aerated concrete (AAC), concrete surface, precast panel, gypsum block, gypsum board and plaster board

### Features and Benefits

- Formulated to comply with European Standards
- Excellent workability and coverage
- Solves the problem of shrinkage cracking
- Fast curing to receive succeeding coats
- Smooth, seamless surface ready to receive decorative treatment
- Superior paint and substrates adhesion

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### TECHNICAL DATA

Component	:	Gypsum, non-reactive fillers and other chemical additives
Water Demand	:	48-52% of water by weight
Density	:	800 kg/m <sup>3</sup> (powder) 1200 kg/m <sup>3</sup> (cured)
Working Time	:	1.5 hours
Thickness	:	0.5 – 3 mm each coat
Yield	:	~ 25 L / 25 kg bag
Coverage	:	Approx. 1.0 kg/m <sup>2</sup> /mm

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### PHYSICAL PROPERTIES

Compressive Strength	BS EN 1015-11 / EN 13279-2	:	4 – 9 N/mm <sup>2</sup>
Flexural Strength	BS EN 1015-11 / EN 13279-2	:	> 2 N/mm <sup>2</sup>
Adhesive Strength	BS EN 1015-12 / EN 13279-2	:	> 0.5 N/mm <sup>2</sup>
Water retentivity	BS 4551	:	> 90%
Mould resistance	BS 5980 - App. B	:	Pass
Setting time		:	2 – 3 hours
VOC Content	USEPA Method 24	:	< 1 g/L
Bond strength on gypsum block	PULL-COAT	:	> 1 N/mm <sup>2</sup>

\*Unless specified, all technical data refers to 28 days curing time

## Complied Standard

European Norm : EN 13279-1 Type B1 & C6

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## PROCEDURE

All substrate surfaces should be firm and clean. All mould, oil, grease, dust and loose particles should be cleaned and removed from the receiving surfaces.

Mix 2.5-3.0 parts of powder into 1 part of fresh clean water (by volume), leave for 2-3 minutes and then mix thoroughly to a homogeneous paste. Use of electrical hand mixer for 2 – 3 minutes is recommended. It should be used up within 1.5 hours after mixing.

Apply at a thickness of about 2-5 mm to completely cover the surface and leave to set (about 120-180 minutes, depending on thickness and conditions). If required, a second layer can be applied once the first layer is completely dry (about 4 hours, depending on thickness and conditions).

For a high quality finish, press the metal trowel to adjust the surface plane and polish the surface until evenly smooth.

***Details of the procedure please refer to our Method Statement***

## Curing

Natural air curing is enough for **GREENTECH GYPSUM SKIM COAT GS-80**. Water mist is not required.

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## STORAGE AND PACKING

**GREENTECH GYPSUM SKIM COAT GS-80** is delivered in 25 kg bag. Storage life is 8 months if the product is kept in a dry place.

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## HEALTH AND SAFETY

Recommend to wear NIOSH approved or equivalent particulate face mask when mixing the material.

Keep out of Children.

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.

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***For any technical enquiries, please contact:***

**保迪建材有限公司**

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\*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only