



GYPSO Skimcoat

Eco-friendly

Gypsum-based Skimcoat

Uses

- Applied as smooth trowel surface to receive decorative finish for internal walls and ceilings
- Formulated for thin layer within 0.5 - 5 mm thickness
- Lower energy consumption related to heating and cooling
- Used for internal dry conditions onto concrete, render, brick, masonry, block walls, rough surfaces, gypsum block walls, gypsum board, cement board, panel walls or on top of GYPSO Render

Product Description

- GYPSO Skimcoat is a gypsum finishing plaster intended for interior smooth trowel application. It provides a smooth, inert, high-quality surface to internal wall or ceiling.
- GYPSO Skimcoat is a by-product gypsum-based material resulting in a lower energy consumption and is more environmentally user friendly than traditional cement or mined gypsum-based materials carries a lower CO₂ footprint.

Advantages

- ✓ Excellent thermal insulation properties
- ✓ High resistant cracking and high strength
- ✓ Fast application with ease
- ✓ Short curing time - reduces construction time
- ✓ Excellent decorative effect
- ✓ A smooth seamless surface to wall and ceiling
- ✓ Reducing water absorption
- ✓ Green product with energy saving properties

Technical Data

Properties	Test Result
Compressive Strength	10 N/mm ² @ 28 Days
Flexural Strength	3.6 N/mm ² @ 28 Days
Bond Strength	0.7 N/mm ² @ 28 Days
Shrinkage	NIL
Wet Density	1,690 kg/m ³
Dry Density	1,590 kg/m ³
Recommended Application Thickness	0.5 - 2 mm for 1 coat 2 - 4 mm for 2 coats 4 - 5 mm for 3 coats
Pot Life	≤ 60 minutes
Setting Time	4 - 8 hours
Water Demand	Approximately 11 - 12 L / 25 Kg bag
Mixing (Electric mixer)	2 - 3 minutes
Coverage	Approximately 1 Kg/m ² /mm

Standard Compliances

- ▶ BS EN 1015
- ▶ BS EN 13279
- ▶ HKHAMTS

Usage Instruction

Surface Preparation

Before applying GYPSO Skimcoat, the surface to be plastered must be examined to ensure there are free from all bond-inhibiting materials, including dirt, grease, incompatible primer and any other foreign matters.

Mixing

- Add to the mixing container 11 - 12 liters of water for each 25 Kg bag of GYPSO Skimcoat.
- All materials should be uniformly mixed and smooth consistency; mixing time should be until there's no agglomeration in mixture, in general, 2 - 3 minutes. Excessive mixing will reduce application efficiency.

Application

- GYPSO Skimcoat can be applied in a single or multiple coats on surface to achieve desired thickness 0.5 - 5 mm.
- Apply mixed material can be manually troweled or sprayed and then spread out. Using metal trowel to uniform thickness and leave to set. GYPSO Skimcoat of 0.5 - 2 mm thickness can be applied in one coat or multiple coats on surface to achieve desired thickness 0.5 - 5 mm.
- If second layer is required, allow the first layer to completely set (around 30 - 60 minutes depending on thickness and weather conditions), then apply a second layer as described above.
- GYPSO Skimcoat can be decorated with most paint finishes and wall coverings except epoxy coating. Impermeable finishes such as tiles, should only be applied when the skim coat is dry.

**Work should be prohibited if temperature is below 5°C, rainy or snowy day or during high wind speeds.

**This product is for indoor dry area use only.

Curing

Natural air cure is sufficient except under extremely hot and dry condition, water spray may be needed.

Disclaimer

The information and physical data in this brochure are based on our best knowledge under standard testing methods and controlled environments. However, please be aware that results may vary due to factors beyond our control, such as weather conditions, site conditions, workmanship, or substrates. This Technical data sheet is intended for general guidance only, and we cannot provide a warranty for the ultimate performance and application results of these materials if they are not kept, mixed, applied, or cured strictly according to the requirements and instructions outlined in this brochure or in other supplementary documents.

Packaging

Product	Pack Size
GYPSO Skimcoat	25 Kg Bag

Shelf Life & Storage

The original sealed bag of GYPSO Skimcoat has a shelf life of 8 - 9 months provided that it is stored in a dry shaded place below 25°C and clear of ground.

Limitation

- Do not mix with any additives or products, unless recommended by GYPSO.
- Make sure the substrate is suitable for plaster application. In case of doubt, try on sample area to assess its suitability.
- Do not apply the product at temperature below 5°C. During summer seasons, the working area must be covered to prevent ill-effects from direct sun and also excessive air-draught during initial curing stage.
- Tools should be cleaned with water before the mortar hardens. After the hardening, its residuals can be removed mechanically only.

Health & Safety

- Dust from mixing of GYPSO Skimcoat may irritate the respiratory system, skin and eyes. Always wear glove, mask and goggles during mixing and application.
- GYPSO Skimcoat is of a powder-based material that may form an alkaline solution, which may produce an allergic effect and irritation to eyes and skin.
- In case of contact with eyes, rinse immediately with water and seek medical assistance.

For further information, please refer to material safety data sheet.