

COMPANY INFORMATION

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PRODUCT NAME

ZEMCOAT Skimcoat

PRODUCT DESCRIPTION

ZEMCOAT Skimcoat is a thin plastering mortar formulated for interior & exterior applications varying from 0.5-5mm in thickness. It covers minor imperfections, corrects surface unevenness of raw concrete and plastered surfaces to achieve a smooth finish. Zemcoat reduces construction costs by replacing three products - concrete neutralizer, patching compound and basecoat. Zemcoat is a product that is easy to apply and produces superior results.

Zemcoat Variant	Application Thickness	Usage
Super Fine	0.5 - 2mm	to smoothen surfaces
Original	2 - 5mm	for minor surface corrections

THE ZEMCOAT ADVANTAGE

- ✓ Paintable
- ✓ Crack resistant
- ✓ Superior bonding
- ✓ Non-sagging
- ✓ Corrects unevenness
- ✓ Fast & Easy application
- ✓ Economical
- ✓ Indoor & Outdoor

COLOR

White & Gray

CLASSIFICATION STANDARD

- ✓ BS EN 1015-11:1999 European Standard
- ✓ BS EN 1015-12:2000 European Standard
- ✓ ASTM C531: American Society for Testing Materials

TECHNICAL DATA

Solubility in water	slight 3% maximum
Specific gravity	0.99
Odor	no odor
Water retentivity	99.9%
Average Compressive Strength	25.0 N/mm ²
Average shrinkage	0.10%
Tensile adhesion strength	2.2 N/mm ² (14 days) 2.1 N/mm ² (QUV)
Loss of tensile adhesion strength after QUV	4.5%

Tested by Setesco Services PTE LTD (Singapore)

COVERAGE

Variant	Product Consumption	Application thickness	Area
Zemcoat Original	25kg	3mm	7-8m ²
Zemcoat Super Fine	20kg	1mm	17-20m ²

Note: Coverage based on 1 - 1.2kg/m²/mm application thickness. Depending on substrate condition, application thickness & workmanship, coverage may vary.

SURFACE PREPARATION

The surface must have cured, be structurally sound & stable, level, even, clean & free from paint & contaminants (dirt, dust, loose material, oils, chemicals, etc.).

△ **Before Zemcoat application, dampen substrate one section at a time using a stiff bristle brush or roller brush. For outdoors and during hot weather conditions (at noon time or during summer), wet substrate well to ensure proper bonding.**

Substrate Condition	Surface Preparation
New concrete	Concrete must have cured for 7-14 days (min.)
Painted concrete	Abrade existing paint
Smooth concrete	Use Zembond (Mortar & Plaster Aid) as Primer
Repair works	Scrape off paint blisters or loose paint

APPLICATION GUIDE

1. Mixing

In a clean plastic pail, mix clean water with Zemcoat. Mixture should attain a smooth, creamy & lump-free consistency. Use a mixing torque for best results. Mixing time: 2 - 3 mins. Let mixture rest for 15 mins. Mix again briefly before use. **Pot Life: 2 hours.**

Caution: Use only non-absorptive materials as mixing base (plastic pail or G.I. sheet). If absorptive materials such as plywood, wooden box, gypsum board, fiber cement board or cardboard is used, it will affect the chemical properties of the product, which can result in bonding failure & poor product performance.

△ Never add additional water after final mix. Otherwise, it will change and alter the consistency & properties of the mix.

2. Application

While the substrate is still damp, apply Zemcoat to desired application thickness (0 - 5mm) using a steel trowel.

Setting time: 30 minutes.

Note: ■ For application areas that need minor surface corrections, Zemcoat Original (2-5mm application thickness) is applied before Zemcoat Super Fine (0-2mm application thickness).

■ When using variants with the same color, apply Zemcoat Super Fine just before Zemcoat Original is about to set.

■ When using variants with different colors, apply Zemcoat Super Fine only when Zemcoat Original has already set.



TIP: Zemcoat has set when the finish looks matte. If needed, sprinkle a small amount of water when the surface is about to set, then smoothen to the desired finish.

3. Finishing

Zemcoat Skimcoat must receive further finish of paint or sealer as protection. **Zemcoat Skimcoat requires a minimum of 3-5 days curing prior to application of primer.** This replaces the use of concrete neutralizer.

Pot Life

2
hours

Mixing Ratio

Water	+ Zemcoat	Variant
7L	20kg	Super Fine
8L	25kg	Original

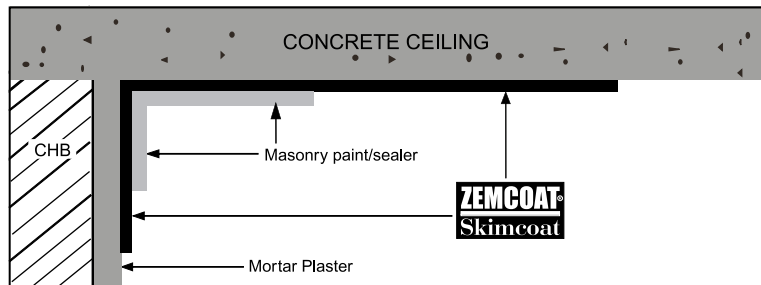
Setting Time

30
minutes

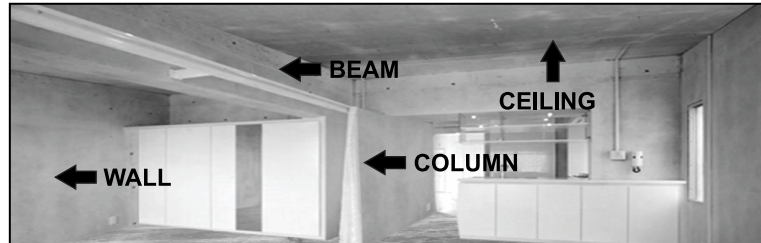
Curing Time

3-5
days (min.)

SECTIONAL DETAIL



APPLICATION AREAS



PACKAGING

- 25kg multilayer paperbag Zemcoat Original
- 20kg multilayer paperbag Zemcoat Super Fine

STORAGE & SHELF LIFE

When stored in a cool dry place & in its original unopened packaging, Zemcoat Skimcoat will remain usable one year from date of manufacture.

WARRANTY

Due to variety of applications, different working methods and the various properties of bases, we cannot assume responsibility or liability with regard to the application of our products. Our guarantee and liability are restricted to the quality of our products at the time of acceptance of the customer of such products. In no case shall our liability extend beyond replacement of defective products, if any, found at the time of acceptance. For all deliveries and services, our General Sales Condition including warranties stipulated for each case are valid.

