

### 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 0-5mm 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 - 2mm	to smoothen surfaces
Original	2 - 5mm	for minor surface corrections

### THE ZEMCOAT ADVANTAGE

- ✓ Paintable
- ✓ Crack resistant
- ✓ Superior bonding
- ✓ Non-sagging
- ✓ Corrects unevenness
- ✓ Quick & 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
Average shrinkage	0.10%
Tensile adhesion strength	2.2 N/mm (14 days)
	2.1 N/mm (QUV)
Loss of tensile adhesion strength after QUV	4.5%

Tested by Setsco Services PTE LTD (Singapore)

### COVERAGE

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

Note: Coverage based on 1 - 1.2kg/m<sup>2</sup>/mm application thickness. Depending on substrate condition, application thickness & workmanship, coverage may vary.

### SURFACE PREPARATION

The surface must be fully cured, structurally stable, level, even, clean & free from paint & contaminants such as dirt, dust, loose material, oils & chemicals. **Concrete surface must be cured for a minimum of 3 days prior to Zemcoat application.**

**The use of a level bar is essential to ensure levelness and / or plumbness of the surface.** For painted surfaces, acid etch or abrade paint to ensure proper bonding. Prior to application, wet substrate well with clean water using a sponge or a roller brush. **For outdoor application & during extreme hot weather conditions, such as noon time or summer, wet substrate very well and more frequently before applying skimcoat.**

### 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 minutes. Let mixture rest for 15 mins. Mix again briefly before use.

**Potlife**  
**2 hours**

#### Mixing Ratio

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

**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 and 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. **Pot Life: 3 - 4 hours. 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.

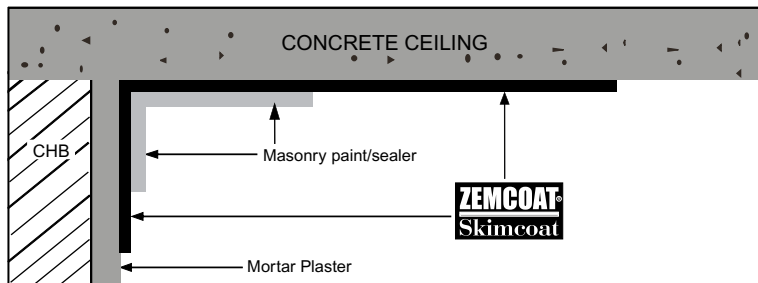
#### Setting Time

**30**  
minutes

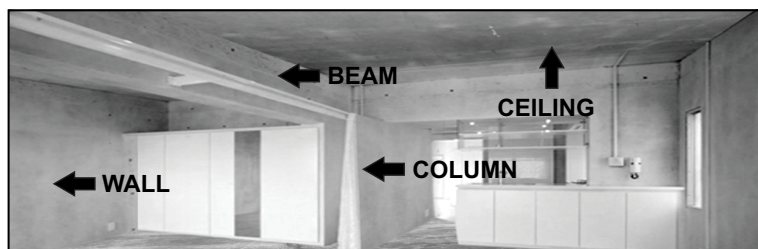
#### Curing Time

**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.

