

# ROCKMAX<sup>®</sup> SUPERCOTE SL

100% SOLID SELF SMOOTHING EPOXY FLOOR



## INTRODUCTION

**Rockmax Supercote SL** is a two components 100% solid epoxy resin floor topping. This product provides a high gloss, smooth, seamless, hygienic, durable and hard wearing. **Rockmax Supercote SL** designed for application 1-3mm thickness and suitable with industrial and commercial application.

## AREA OF USES

**Rockmax Supercote SL** applications include medium to heavy industrial areas, maintenance areas, laboratories, production plants, clean rooms, assembly areas, warehouses, medium chemicals plants, hygienic production plants and many other industrial environmental.

## ADVANTAGES

- High Chemical and abrasion resistance.
- High Mechanical resistance.
- Withstand foot and light vehicle traffic.
- Non dusting.
- Durable.
- Hygienic.
- Full gloss finish.
- Solvent free and non toxic.
- Fast curing.
- Seamless and smooth surface.
- Easy to clean.

## TECHNICAL PROPERTIES

Standard Color: grey, green, red, yellow

Gloss: full gloss

Compressive strength (7days): >55 N/mm<sup>2</sup>

Flexural strength (7days): >30 N/mm<sup>2</sup>

Bond strength (7days): > cohesive strength of concrete

Pot life (at 25°C): approx 30-45 minutes

Working temperature: 10°C - 35°C

Initial setting (at 30°C): 24 hours

Heavy services (at 30°C): 72 hours

Final curing (at 30°C): 7 days

Recommended thickness: 1-3 mm

Coverage rate: estimate 1.5 kg/m<sup>2</sup>/mm

Available in standard colors. Other colors can be made upon request. The color might be different from sample.



## PREPARATION

### New concrete substrate

Concrete must be sound, clean and free from cement paste, dust, dirt and any other contaminants. Concrete must be at least 28 days and minimum Compressive strength 25N/mm<sup>2</sup> and minimum tensile strength (pull off) at 1.5 N/mm<sup>2</sup>. Moisture content in concrete must less than 4%. All floors to received Rockmax Supercote SL topping should be protected by damp proof membrane. Total enclosed shot blasting or scarifying should be employed followed by vacuuming.

### Old concrete (Uncoated concrete)

Old concrete or uncoated concrete floors is done in much similar manner to new concrete preparation. The concrete surface must be thoroughly cleaned with a strong detergent cleaner to remove all grease, oils and etc. Holes and cracks must be repaired use epoxy injection and epoxy mortar (please consult Rockmax for more information).

### Previously coated concrete surface

Existing coated surface must be completely removed by sand blasting until received sound surface. Clean all surface with detergent cleaner. Total enclosed shot blasting or scarifying should be employed followed by vacuuming.

## PRIMING

Apply **Rockmax Supercote P** at 1 or 2 coat. Allow to dry prior to application. Please refer **Rockmax Supercote P** datasheet.

# ROCKMAX<sup>®</sup> SUPERCOTE SL

100% SOLID SELF SMOOTHING EPOXY FLOOR



## MIXING

Stir each component separately approximate ½ to 1 minute. Mix part A and part B approximate 3 minutes until homogeneous using electric mixer (400-500 rpm). Avoid whipping air into the material. It is recommended that only full units be used, that both components are thoroughly mixed. We do not recommend using partial kits and reduce material.

## APPLICATION

This material must be applied by specialist trained applicator.

Pour mixed material directly on the surface in a long puddle and spread using either trowel or rubber squeegee. Pull through material until end of joints. Pour new material on to end of joints to maintain wet edge. Check film thickness frequently. Use spike roller to remove any entrapped air. Do not spike roller after 30 minutes.

## CURING

Protect applied areas from foot traffic at approximate 24 hours and fully cure in 7 days.

## CLEANING

Clean all tools and equipments immediately with acetone, xylene or other solvents.

## LIMITATIONS

- Do not installation on asphalt, PVC tiles, ceramic tile, bricks and normal cement screed.
- Should not be applied on to surfaces suffer from rising damp conditions or have relative humidity greater than 75%.
- Moisture barrier must be applied in case of moisture content in concrete substrate higher than 4%.

## PACKAGING

20kg set: Part A: 16kg and Part B: 4kg

## STORAGE

Storage in shade and dry condition at 10-30°C. Avoid from sunlight, frost, water, moisture and high temperature.

## SHELF LIFE

12 months if kept follow instructions.

## PRECAUTIONS

Avoid contact with skin and eye. Avoid inhalation. Harmful effects may cause during application and care must be taken. Do not expose to flames or other sources of ignition. No smoking allowance. Ventilation must be provided. Some components of this product may be hazardous during mixing and application. Keep out of reach of children. MSDS is available upon request.

## CONTACT DETAIL

### THAILAND

**Rockmax Company Limited**

T: +66 2 8648658

F: +66 2 4184327

E: info@rockmax.net

W: www.rockmax.net

### VIETNAM

**Viet Dai Viet Chemical Company Limited**

T: +84 86 2615184

F: +84 86 2615185

E: rockmaxvn@gmail.com

---

### *IMPORTANT NOTE!!*

*The technical information contained herein, while not guaranty, was prepared and approved by technical personnel and is true, accurate to the best of our knowledge. No warranty or guaranty is made regarding performance, stability or other factors beyond our control. Rockmax will welcome to be consultation of our performance and application. This technical datasheet supersedes and issue new edition without prior notice.*

---

 Printed on recycled paper  
Copyright©2009 Rockmax