

## *High Performance Acrylic water based Semi-Gloss clear sealer*

### **Product Description**

Acrylic and Water Based Semi-Gloss Clear Protective Shield to be used on decorative concrete applications

### **Uses**

- On natural stone, stamped concrete, concrete block, artificial stone, walkways, brick, pigmented concrete and stucco
- In large shopping centers which have heavy pedestrian traffic.
- Indoor and outdoor applications
- On decorative concrete applications.
- Suitable for vertical and horizontal surfaces.

### **Features and Benefits:**

- Provides protection against water, dust, lime, and stain formation.
- Outstanding durability and resistance to marring and scuffing, along with good chemical resistance.
- Provides semi-gloss and abrasion resistance.
- Prevents fast drying and shrinkage cracks.
- **TOPMATT** is free of substances detrimental to concrete.
- The cured material is typically hard and exhibits a dust-free surface.
- Reduces chloride penetration and resistant to freeze-thaw cycle
- Stain resistant, breathable, non-yellowing, VOC compliant
- Provides a durable, weatherproof protection to the substrate.

### **Substrate Preparation**

Surface that is to be coated must be structurally sound. Damage such as surface deterioration, cracks and spalls can be repaired or treated. However, structural integrity is critical to the overall success of any coating or overlay. Remove any loose, soft or contaminated materials from the area that is to be repaired. Any existing coatings, sealers, curing agents etc. should be removed from the surface. All expansion joints must be honored. Clean all joints during entire application process, or mark them for re-establishment.

### **Application Details:**

The surface should be sound, free of dust, dry, clean and strong enough. Any oil, grease, rust, gypsum, wax, paint residues, loose particles on the surface should be removed. All joints, cracks etc. should be repaired prior to the application. After application, leave to dry for 12 hours, according to prevailing temperature.

# TOPMATT TM400

**TOPMATT** Can be applied by using a filtered sprayer, roller or hand brush. It is to be used full strength. Do not dilute. Mix thoroughly with a mixer or manually prior to application. Do not allow to puddle. Should puddling occur, spread immediately over surface until dissipated. Allow first application to dry thoroughly before a second application. Allow two hours between applications.

## Watchpoints

- The concrete substrate should be hardened sufficiently.
- Protect treated areas from rain for at least 2 hours after application.
- **TOPMATT** is delivered in ready to use packages. Waters or water should not be added during the application.
- Only mechanical cleaning of hardened **TOPMATT** films is possible.

## Storage & Shelf life

**TOPMATT** should be stored in a cool, dry place above +5°C. Shelf life of unopened container in correct storage conditions is at least 24 months.

<b>Color</b>	<b>White Liquid</b>
<b>Dried Film Thickness</b>	<b>135 µm</b>
<b>Packaging</b>	<b>10 lt or 30 lt plastic pails</b>
<b>Consumption</b>	<b>~0,15 kg/m<sup>2</sup> depends on the surface</b>
<b>Wet Density</b>	<b>~1,0 kg/lt (at +20oC)</b>
<b>Drying Time</b>	<b>1-2 hour</b>
<b>Finished Film Appearance</b>	<b>Semi-gloss</b>
<b>Standards</b>	<b>Complies to ASTM C 309-81</b>

## Health and Safety

As with all construction chemical products caution should be exercised. Refer the product MSDS for full details. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. an appropriate sponge and hot detergent containing water with circular moves and give the final shape to the interlines.