

# SynGard® Super

HIGH PERFORMANCE POLYURETHANE ACRYLIC WATER BASED, SINGLE COMPONENT WATERPROOFING MEMBRANE

## Product Description

SynGard Super is a water based polyurethane and an acrylic polymer with exceptional strong physical resistance to water and household chemicals. SynGard Super provides trafficable elastomeric coating membrane and has crack bridging capabilities leaving a seamless finish.

### Advantages

- *WILL NOT DISSOLVE* under water
- UV Resistant
- Highly Elastic
- Solvent Free
- Single Component
- Seamless waterproofing membrane
- Shelf Life – 12 months
- Excellent adhesion
- Can withstand both human and light vehicular traffic
- Non-Toxic
- Environmentally Friendly
- Non-Hazardous

### Uses

- Concrete Roofs
- Metal Roofs
- Metal Surfaces      - Bathrooms
- Asbestos
- Tiles (non-ceramic)
- Planter Boxes
- Ponding Areas
- Fibro Cement
- Wet Areas
- Balconies
- Car Porch
- Roof Tiles

## Physical Characteristics

<b>Colour:</b> Grey	<b>Packaging:</b> Single Component - 20 lt., 5 lt., 1 lt.
<b>Chemical Base:</b> Polyurethane modified Acrylic	<b>Solid Content:</b> Approx. 53% by Volume
<b>Water Vapour Permeability:</b> 20 g /m <sup>2</sup> /day (ASTM E96)	<b>Elongation at Break:</b> >320% (ASTM D412)
<b>Adhesion Strength:</b> 1.44 N /mm <sup>2</sup> (ASTM D4541)	<b>Tensile Strength:</b> 1.5N/mm <sup>2</sup> (ASTM D412)
<b>Density:</b> 1.40 kg/lt (Value at +23°C)	<b>Consumption:</b> 0.4 litre per coat / per square meter / 2 Coats is required
<b>Substrate Temp:</b> +8°C min. / +35°C max.	<b>Ambient Temp:</b> +8°C min. / +35°C max.

### Storage / Shelf Life

12 months from the date of production if stored in original state and away from direct sunlight and heat.

## **Mixing**

No mixing is required as the material supplied is ready to use.

## **Preparation**

Prior to the application of SynGard Super, the surface must be in good condition; free of oil, grease, wax, dust, paint and anti-rust treatments and loose material. Surface must be free from all contaminants.

## **Application**

**STEP 1:** Apply Primer and allow it to dry.

**STEP 2:** Apply first coat of SynGard Super at the rate of 0.4 ltr/m<sup>2</sup> reinforcing all corners and joints with B2 Flex Fabric (Refer to B2 Flex Fabric Specifications) which is embedded into the membrane. Allow a drying time of minimum 3 hours.

**STEP 3:** Apply final coat of SynGard Super at the rate of 0.4 ltr/m<sup>2</sup>. Sprinkle dry sand on the wet film for extra grip.

**STEP 4:** Allow a minimum curing time of 48 hours before human traffic or other trades of work.

## **Cleaning of Tools**

Clean all tools and application equipment with water immediately after use. Hardened and/or cured materials can be removed mechanically.

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