

SynGard® Super

High Performance Polyurethane Acrylic Water Based, Single Component Waterproofing Membrane

Product Description

SynGard Super is water based polyurethane and 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 DISOLVED* under water
- UV Resistant
- Highly Elastic
- Crack Bridging
- Solvent Free
- Single Component – ready to use
- Seamless waterproofing membrane
- Shelf Life – 24 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

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|--|---|
| Colour: White and grey | Packaging: Single Component - 20 lt., 5 lt., 1 lt. |
| Chemical Base: Polyurethane modified Acrylic | Solid Content: Aprox 53% |
| Water Vapour Permeability: 20 g /m ² /day (ASTM E96) | Elongation at Break: >300% (ASTM D 412) |
| Adhesion Strength: 1.44 N /mm ² (ASTM D4541) | Tensile Strength: @930microns >3.0 N /mm ² (ASTM D 412) |
| Density: 1.27kg/ltr of fresh liquid membrane | Consumption: 0.4 litre per coat / per square meter / 2 Coats is required |

Storage / Shelf Life

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

Mixing

No mixing required as material supplied 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 SynCoat Sealer and allow to dry (Refer to SynCoat Sealer Specifications)

STEP 2: Apply first coat of SynGard Super at the rate of 0.4 ltr/m² 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/m². 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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