

Stayflex Super

High Grade Water Based Polyurethane Emulsion & Acrylic Copolymer

Product Information

Stayflex Super is water based polyurethane emulsion and acrylic copolymer and this copolymer has exceptional strong physical resistance to water and household chemicals. Stayflex Super provides trafficable elastomeric coating membrane and has crack bridging capabilities.

Uses

Concrete roofs
Metal roofs
Bathrooms
Metal Surfaces
Asbestos Sealant
Tiles (non ceramic)
Planter Boxes
Ponding Areas
Fibro Cement
Wet Areas
Balconies

Advantages

WILL NOT DISOLVE 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

PHYSICAL CHARACTERISTICS

Color: White can be colored to choice	Packaging: Single Component - 20 liter
Chemical Base: Acrylic polymers, pigments and extenders	Solid Content: Aprox 68%
Density: 1.2kg/ltr of fresh liquid membrane	Elongation at Break: >350% (ASTM D 412)
Water Vapor Permeability: 18.45 g /m ² /day (ASTM E96)	Tensile Strength: @930microns >3.0 N /mm ² (ASTM D 412)
Adhesion Strength: 1.44 N /mm ² (ASTM D4541)	Consumption: 0.8 liter per square meter / 2 Coats

Storage/Shelf Life

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

Instruction for Use

Mixing

No mixing required as material supplied in ready to use. Stir thoroughly prior to application

Preparation

Prior to the application of Stayflex 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

- STEP1: Apply SM100 & allow to dry (Refer to Stayflex Sealer SM100 Specifications)
STEP2: Apply first coat of Stayflex Super reinforcing all corners and joints with Flexitape (Refer to Staydry Flexitape Specifications) which is embedded into the membrane (thickness of approximately 450microns). Allow to dry for 24hrs.
STEP3: Apply final coat of Stayflex Super – to a thickness of no less than 1000 microns. If tiling is required over Stayflex Super, sprinkle dry sand on the wet film for extra tile grip.
STEP4: Allow a minimum curing time of 24-36 hours depending on local weather conditions 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.