DESCRIPTION

HYDRO++ is a is hybrid resin based, fibre reinforced coating designed as a decorative, flexible, elastomeric coating for sealing and waterproofing roofs, walls and wet areas. The surface is a hard wearing and durable coating recommended for concrete, masonry, asphalt, metal and other similar surfaces. The coating is also recommended as a textured architectural finish coat for internal and external surfaces including blue board, cement sheet, brick and concrete walls. The coating can be supplied in a range of decorative colours.

ADVANTAGES

- Provides excellent waterproofing and durability performance.
- Water & weather proof performance
- Improved ultra violet light resistance
- Resistant to frost and thawing salts
- Excellent adhesion and mould/fungus resistance
- High build coating for porous and uneven surfaces
- Water vapour permeable
- Improved hardness and flexibility
- Ready to use
- Economical
- Single pack, low odour & solvent free
- High adhesion strength

USAGE

Interior, exterior, horizontal and vertical aplications, Rooftops, roof terraces, foundations, Balconies, bathrooms, Existing steel and metal structures, retaining walls

APPLICATION

Preparing the Substrate

All substrates must be clean, free of loose material, grease, efflorescence salts, mould, fungi, form oil mastic compounds, silicon or other foreign matter before coating with membrane. Surfaces must be free of hydrostatic pressure and continual wetting. A minimum two coats of membrane are essential for permanent results. Lay the membrane on rather than brushing out thinly. Suitable application techniques include spray (Low Build only), roller or brushing. Apply coats at right angles to prior coat.

Concrete, Brickwork, Cement

Remove loose material and repair defects. Clean strongly if possible use high pressure water jet. HYDRO++ can be applied onto the prepared substrate using a bristle brush or roller. Place the material well onto the substrate to achieve full bond. The application of HYDRO++ waterproofing coating shall be done in minimum of two (2) layers, the first layer in one direction and the second layer in a direction perpendicular to the first coat. Cracks, junctions, corners, and sides must be reinforced by suitable waterproofing mash after the application of first coat.

Iron, Steel, Galvanised & Zincalume Surfaces

Remove excessive oil or grease. Prime with one coat of Durazinc Rich Anti Corrosion Primer.

Rusty Steel Or Iron

Remove all loose rust and paint. Prime with one coat of Durazinc Rich Anti Corrosion Primer.

Aluminum & Copper

Apply one coat of etch primer to a clean dry surface before coating with Membrane.

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Sound Previously Painted Or Primed Surfaces
Wash old paintwork to clean the surface, sand or wire brush old coatings to achieve a sound surface. Not recommended for coating gloss surfaces without sanding.
Wood
Apply Drylex Timber Undercoat. Treat as a painted surface.
Absorbent Masonry
Apply one coat of Drylex Prımer Universal at 0.1 litres per square metre.
Crumbling Walls
Remove loose material, repair and prime with Drylex Primer Universal at 0.1 litres per square metre.
Movement Joints
When bridging structural joints or cracks, a layer of chopped 56 or 75 g/m2 fiber mesh must be embedded into the first coat and overcoated with two top coats of membrane. Expansion joints should be filled or sealed before application of the membrane.
Mouldy Surfaces
Scrub or scrape clean all surfaces and apply a biocidal wash. Thoroughly wash or high-pressure water clean. Repair damaged areas and allow to dry thoroughly.
Asphalt Or Bitumen
Apply one coat of Membrane to sound firm, non-tacky surfaces. For improved filling or levelling add fine washed sand (equal parts by weight sand to membrane) to the first two coats. Allow each coat to dry completely before overcoating.

CONSUMPTION
1,00 - 1,50 Kg/m2 Variable according to substrate (1,00 - 1,3 mm thickness)

PACKAGING
5 kg plastic bucket - 20 kg plastic pail

STORAGE
Must be stored in unopened original packing, and in cool and dry environment protected from freezing. In short-term storing, maximum 2 palettes can be stowed on top of each other and delivery has to be according to first in first out system. In long-term storing, the palettes must not be stowed on top of each other.

SHELF LIFE
24 months after the production date under appropriate storing conditions.

TECHNICAL DATA

Material	Modified Polymer Resin Based Coating
Color	White- Light Grey – Green – Cotto - Black
Consistency	Brus or Roller
Density	1,40 kg/liter
Substrate Temperature	+5 - + 30
Service Temperature	-20 + +80
Elasticity	% 300
Periot the protect Surface	4-5 Hours
Crack Bridging Capacity	@2,60 mm

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