



USES

Heat reflective waterproofing membrane

DESCRIPTION OF PRODUCT

Hydrosol® is a one component liquid applied heat reflective waterproofing membrane that provides excellent reflectance elastomeric properties designed for exposed applications.

- High adhesion strength
- Rooftops, roof terraces
- Over existing metal roof
- Interior and exterior
- Balconies

ADVANTAGES

- Reduce heat transmission
- Able to accommodate movement.
- Excellent resistance to ultraviolet rays
- Reduce dirt pick up
- Foot trafficable when cured

SUITABLE SUBSTRATES

- Concrete
- Textured Membrane
- Cement mortar beds
- Gypsum wallboard
- Ceramic tile & stone
- Cement backer board
- Existing steel structures/ roofing
- Concrete & brick masonry
- Cement plaster
- Exterior glue plywood
- Cement terrazzo

TECHNICAL DATA

Material	Modified Polymer Resin Based Coating
Color	White- Light Grey – Green – Cotto - Black
Consistency	Brush or Roller
Density	1,40 kg/liter
Substrate Temperature	+5 - + 30
Service Temperature	-20 + +80
Elasticity	% 400
Periot the protect Surface	4-5 Hours
Crack Bridging Capacity	2,8 mm According to ASTM D 2240

PRIMING

Substrate must be sound, clean & free of dust, if not it is strongly recommended to use DRYLEX® Primer. Shake thoroughly before using. Pour, mop, or spray primer onto the surface. Apply an even thickness of primer to the prepared substrate using a bristle broom to ensure the primer is absorbed into the substrate, removing any puddles or thick areas. Allow the primer to dry to a clear film usually 30 – 45 minutes, but less than 3 hours before application of DRYLEX® HYDROSOL .

MIXING

Use direct from pail





APPLICATION

Allow any pre-treated areas to dry the touch. Apply a liberal coat of DRYLEX® HYDROSOL® with brush or roller over substrate including pretreated areas. Then embed the 150 mm wide DRYLEX® Anti-Fracture mesh and allow to bleed through (if necessary). Let topcoat dry to the touch, approximately 1 – 3 hours at 21°C and 50% RH.

Apply second coat of DRYLEX® HYDROSOL®. When second coat has dried to the touch, inspect final surface for pinholes, voids, thin spot or other defects. Use additional DRYLEX® HYDROSOL® to seal defects. Provide protection for newly installed membrane, even if covered with a thin bed ceramic tile, stone or brick installation, against exposure to rain or other water for a minimum of 24 hours at 21°C and 50% RH.

INSTALLING FINISHES

Allow DRYLEX® HYDROSOL® to dry for 24 hours before ceramic tile, stone or brick may be installed by the thin bed method with a Duralatex Thin-Set Mortar. Do not use solvent-based adhesives directly on DRYLEX® HYDROSOL®.

EXPANSION

Joints Ceramic tile, stone and brick installations must include expansion at coves, corners, other changes in substrate plane and over any expansion joints in the substrate. Expansion joints in ceramic tile, stone or brickwork are also required at perimeters at restraining surfaces, at penetrations and at the intervals described in the specifications.

CONSUMPTION

1,20 – 1,60 Kg/m² Variable according to substrate

PACKAGING

- 5 kg plastic bucket
- 20 kg plastic bucket

STORAGE

Must be stored in unopened original packing, and in cool and dry environment protected from freezing. In short-term storing, maximum 2 palletes 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 palletes must not be stowed on top of each other.

SHELF LIFE

24 months after the production date under appropriate storing conditions.