



DR 1401 Wonder-SHIELD PU WATERPROOF ELASTIC ROOF COATING for exterior use



DESCRIPTION

A premium quality waterproof hybrid elastomeric roof coating, based on new technology acrylic polyurethane resins. This certified cool paint forms a highly elastic film, with high UV solar reflectance and superior thermo-reflective properties, contributing to the energy savings of the building. It's innovative technology offers excellent weather resistance and durability, fast surface hardness, without tackiness, low dirt pick up and withstanding ponding water. Exhibits high resistance to extreme weather conditions sustaining its flexible properties. It provides a breathable waterproof membrane that is elastic enough to bridge minor cracks, which helps maintain its whiteness and thermo-reflective properties. Easy application and maintenance, friendly to user and the environment.

Is certified cool paint with high solar reflectance by the CRES (Center for Renewable Energy Sources & Saving) Energy Systems Laboratory and the NCSR (National Center of Scientific Research) DEMOKRITOS - Laboratory of Solar & Energy Systems (Infrared Emittance (ϵ)) as a cool material for roofs.

•Initial Total Solar Reflectance (SR) :89% •Solar Reflectance Visual (SRvis) : 95% •Solar Reflectance Near Infrared (SRNIR): 89% •Infrared Emittance (ϵ):87 • Solar Reflectance index: 112



VOC (Volatile Organic Compounds): EU limit value for this product category A/c type WB: Exterior walls of mineral substrate. 40 g/l (2010). This product contains max 8 g/l.

QUALITY SYSTEM CERTIFIED BY: ELOT EN ISO 9001
CERTIFICATE OF ENVIRONMENTAL MANAGEMENT
SYSTEM BY: ELOT EN ISO 14001

COVERAGE: Recommended total coverage (2 coats) 1 lit/m².

Dry: in 4 hours it dries in 24 hours it is repainted.

INSTRUCTIONS FOR USE

SURFACE PREPARATION:

Surface to be painted must be free of all loose material such as flaking and peeling paint, dust, dirt, concrete salts and heavy chalk. The surface must be clean with all traces of grease, oil, and asphaltic coatings removed. Remove loose material by scraping and sanding. Sand glossy surfaces to a dull finish. Dry sanding, flame cutting and /or welding of the dry paint film will give rise to dust fumes. Wet sanding/flatting should be used wherever possible. •Ensure good ventilation during application and drying. Use suitable respiratory protective equipment. Fill cracks with an appropriate putty. Apply one coat of DRP 512 Waterproofing Sealer Solventborne Primer and two coats of DR 1401 WONDER-SHIELD PU Waterproof Elastic Roof Coating, as outlined below.

Concrete and Tile Roofs:

Prime with one coat of DRP 512 Waterproofing Sealer Solventborne Primer applied thinned up to 25% at a coverage rate of 4-5 m² per litre. Apply one coat of DR 1401 PU Waterproof Elastic Roof Coating, let dry overnight and apply a second coat crosswise without thinning, each coat coverage 1 lit/m².

Previously Painted Surfaces: Spot-prime any unpainted areas with DRP 512 Waterproofing Sealer Solventborne Primer, then apply an overall coat of Stabilizing Primer according to label directions. Finish with one coat of DR 1401 PU Waterproof Elastic Roof Coating, with coverage 1 lit/m².

APPLICATION:

Stir paint thoroughly before use. Apply by roller, brush, or airless spray. Do not thin. Do not apply at temperatures below 10o C.

NOTICE: DR 1401 PU Waterproof Elastic Roof Coating owing to the necessary film thickness of this product, the coating remains sensitive to rain and moisture condensation longer than conventional emulsion coatings. Do not apply when rain or damp weather is anticipated during the drying time of the combined applications.

DRYING:

Dries to touch in 4 hours and can be recoated after 24 hours.

CLEAN UP:

Clean equipment in warm, soapy water promptly after painting.

Precautions Health, Safety and Environmental Protection: : • If medical advice is needed, have product container or label at hand • Keep out of reach of children • Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. • Contains 1,2-benzisothiazol-3(2H)-one and reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. • Do not get in eyes, on skin, or on clothing • Avoid release to the environment • Dispose of contents and container to appropriate waste site or recycled in accordance with local and national regulation • Keep container tightly closed. • Call a POISON CENTER, doctor if you feel unwell. • Safety data sheet available on request.

Packaging and Storage

Ignition point: Does not ignite

storage: away from children, protect from frost

TEL. POISON CENTER GR: +30210 7793777

PROTECT FROM FREEZING KEEP OUT OF
REACH OF CHILDREN