

The logo for Liquisol, featuring the word "Liquisol" in a bold, italicized, white sans-serif font on a black rectangular background.

Technical Data Sheet 4EVERblue

Product description

Liquisol 4EVERblue is a solar reflective paint.

This liquid solar control is a water based acrylic varnish which must be applied on the outside of skylights or sky domes fabricated in acrylate (PMMA), polycarbonate or glass. 4EVERblue is a liquid material which forms a rug film after drying.

4EVERblue contains pigments which reflect the infra-red heat of the sun, who absorb the ultra violet light but who are translucent for the visual light.

In this way Liquisol 4EVERblue will protect buildings from overheating by blocking the solar energy.

Surface preparation

In all cases the surface must be cleaned with Liquisol s00p Surface Cleaner.

The cleaner must be deluted with water by 1/10.

Clean the surface with a rug sponge or brush, wash of with clean water. After cleaning wipe of the surface with a window wiper. Make sure the surface is completely dry.

Application guide

Temperature: Min 10°C relative humidity: max. 80 %.

Surface temperature: min: 10°C – max 35°C

Do not apply at bright sunlight or at high risk of rain or condense.

Drying at 20°C and 65 % RH (relative humidity) :

Rain prove: 1h30; low temperature of high humidity increase the dry period.

Store Liquisol 4EVERblue in a cool, dry environment. Do not expose to direct sunlight.

Lifetime is at least 2 years in original package, at non freezing place.

Before application, thoroughly mix the paint until the paint becomes an homogenous paste

For application with 8 mm ANZA Antex roller, the paint is ready to use.

For application with Airless spray: spray point: 1850 of 2190 (0,4 of 0,53mm). Eventually delute with 2 or 3 % water. We advise GRACO HVLP or GRACO EasyMax FF.



Performance and limitations

	% Total Solar Energy Rejected	% Visual Light Transmission
PMMA	13.3	90.7
+ 1 coat of Liquisol 4EVERblue	46.7	57.7
+ 2 coats of Liquisol 4EVERblue	57	47.1

Independently tested by Fraunhofer IPA, Stuttgart, Germany

With 1 liter of Liquisol 4EVERblue, you can cover up to 10 m² for 2 layers.

When dry the paint has an opaque look, a slight golden shine on the outside and a blue shine on the inside.

Liquisol 4EVERblue interacts with the infrared radiation of the sun, not with the heat of a radiator. Therefore it is solar controlling and not insulating.

VOC information

The EU limit for this product is (Class A/i):2010: 140 g /liter.

The VOC content of these products in ready use form is max.50g/liter.

Health and safety

These products are for professional use only, and are not to be used for purposes other than those specified. The information on this TSD is based on present scientific and technical knowledge, and it is the responsibility of user to take all necessary steps in order to ensure the suitability of the product for the intended purpose. For Health and Safety information please refer to the Material Safety Data Sheet, also available at www.liquisol.com

Contact

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