

PRODUCT DATA SHEET

ECOSILVERALL

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DESCRIPTION OF THE PRODUCT

Water-based, aluminium-coloured protective paint. The product is completely free of volatile organic compound. Formulated by WINKLER Research & Development Laboratories.

FIELDS OF USE

Product designed to protect smooth and slated bituminous coatings from UV radiation and heat absorption. Its water-based formula prevents degradation and detachment of the bituminous membrane. The coating is walkable for maintenance purposes.

SURFACE PREPARATION

Thoroughly clean the substrate to remove dust, oils, grease, and any contaminants that may prevent adhesion. The polymer-bituminous membrane must have undergone at least 180 days of oxidation before applying the product.

RECOMMENDATIONS

Do not add additives.
Do not use the product if the packaging is damaged.
Do not add water or solvents.

WARNINGS

Do not use on surfaces subject to water ponding: the substrate must have a sufficient slope to ensure proper rainwater drainage. Do not apply the product on frozen surfaces, on substrates subject to night frost, or during rainy or wet weather conditions. Protect the freshly applied coating from water, rain, and snow for the first 24 hours. Avoid application in conditions of high nighttime humidity. Recommended application temperature is between +5°C and +35°C.

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APPLICATION

The product is ready to use and can be applied using a roller, brush, or airless spray gun. Mix thoroughly before use to ensure complete homogenization of the product. It is recommended to apply at least two coats, allowing the first coat to dry completely before applying the second.

CONSUMPTION

200-300 g/m² per in two coats

PACKAGING

5-10-20 kg buckets

STORAGE

The product in its original and undamaged packaging, can be stored for up to 12 months. Store at temperatures between +5°C and 35 °C. The product is not frost-resistant.

SAFETY INSTRUCTIONS

PRECAUTIONS

For safety information, the user must refer to the latest Safety Data Sheet (SDS), prepared in accordance with applicable regulations. The SDS contains detailed information on the physical, toxicological, and safety characteristics of the product.

DISPOSAL AND ENVIRONMENTAL PRECAUTIONS

Do not release the product or empty containers into the environment. For detailed disposal instructions, refer to the most recent Safety Data Sheet (SDS).

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TECHNICAL FEATURES (average value)

FEATURES	RESULTS
Colour	Bright aluminium
Specific weight at +20°C	1.10 ± 0.01 g/cm ³
pH	8.3 ± 0.05
Brookfield Viscosity at +20°C	1.000 ± 100 mPa·s
Dust-free drying at +20°C	About 30 minutes
Drying time at +20°C	6-8 hours
Dilution	Ready to use
UV resistance	Excellent
Walkability	Good

PHYSICAL PROPERTIES

The product complies with ASTM D 2824, which specifies requirements for aluminium pigmented coatings applied by brush or spray on surfaces and walls.

FEATURES	STANDARD	REQUIREMENT (TYPE I/II/III)	RESULTS
Reflectance			
Before high temperature ageing		≥ 50	62
After high-temperature ageing (3 days at +49°C)	ASTM C 1549	≥ 50	65
After 1.000 h of accelerated ageing (ASTM D 4798)		≥ 50	67

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VOLATILE ORGANIC COMPOUNDS EMISSION

PARAMETER	MAX. ALLOWED CONCENTRATION ($\mu\text{g}/\text{m}^3$)
TVOC after 3 days	≤ 750
TVOC after 28 days	≤ 60

Test performed by the EUROFINS Institute according to EN 16516, ISO 16000-3/6/9/11 and ASTM D5116-10. Test report n. 392-2017-00404102_G_EN_02.

The product complies with the requirements of Directive 2003/53/EC.

PRODUCT FOR PROFESSIONAL USE ONLY

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