



AquaBright

Aluminum Roof Coating
Solar Reflective Paint Containing Aluminum Flakes in a
Copolymer Emulsion



Properties. AquaBright Aluminum Roof Coating is formulated for the protection of roofs and bituminous membranes from solar damage. Careful application of AquaBright can add years to the effective life of the waterproofing system. Application of AquaBright reduces cooling costs for the building by reducing the inside temperature up to 10 °C. The set film produced from AquaBright is stable at a high range of temperatures. It has very good reflective characteristics and it is resistant to water and salts, however it is not tolerant of acids, alkaline solutions, oils, solvents and fuel

Application. Minor setting of the material is expected with storage, therefore, prior to application AquaBright should be subjected to simple stirring. All surfaces should be clean of dirt and dust and application should not take place when temperatures are below 10 °C, or there is a chance of rain for the next 24 h. AquaBright can be applied with a brush, a broom, a roller or even a spray gun. A typical application rate is 0.2 L/m². Overbrushing is to be avoided as it interferes with the properties of the Aluminum flakes. Drying time is typically 4 h depending on wind and humidity.

Technical Data

Properties	AquaBright (min/max)
Application Temperature	10 - 55 °C
Service Temperature	-20 – 120 °C
Specific gravity	1.0 g/cm ³
Reflectance	> 65 % (single coating of AquaBright on APP-modified bituminous membrane)
Flash Point	N/A for wet material ≥ 240 °C
Weathering Test	No deterioration after 1000 h

Packing and Storage. AquaBright is available in 20 L drums. Unopened containers should be stored in a cool dry place and should not be exposed to freezing temperatures.

Health and Safety. Suitable protective equipment needs to be worn at all times. Full skin protection is required. AquaBright maybe cleaned from tools with water while still in liquid form. Dried material can be removed with mineral spirits.

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