

# AQUASCUD REFLEX

Supply and installation of solvent-free, ready-to-use, cold-cured, elastic, waterproofing coating based on acrylic resins in water emulsion. The coating is semi-gloss white with a high solar reflectance index (SRI) must have a thickness of between 0.60 and 0.70 kg/m<sup>2</sup> depending on the irregularity and porosity of the substrate.

The product must be used for:

- Coating for the waterproof thermal reflective finishing of flat, sloping, curved or complex shaped roofs, new or existing according to technical data sheet specifications

The material must have the following characteristics:

EC Certification according to EN 1504-2:2005

Certification according to EN 11928 Standard

Feature	Test method	Performance requirements UNI EN 1504-2	Declared performance	Certified performance (**)
<i>Bond strength</i>	UNI EN 1542			1.40 MPa
<i>Capillary absorption</i>	UNI EN 1062-3			0.006 kg*m <sup>-2</sup> *h <sup>-0.5</sup>
<i>Water vapour permeability (equivalent thickness: Sd)</i>	UNI EN 7783-2			SD = 1.95 m
<i>Crack Bridging Ability</i>	UNI EN 1062-7 (static method)			Class A4 > 1,25 mm
<i>Reaction to fire</i>	UNI EN 13501-1	Classification	-	Class E
<i>Solar Reflectance Index (SRI)</i>	ASTM E 1980-11			113
<i>Solar reflectance (ρ)</i>	ASTM E 1980-11			0.90

as well as Aquascud Reflex Volteco or a product with equal or superior characteristics.

The technical data must be supported by test certification issued by an accredited official laboratory and / or be subjected to quality control according to ISO 9001.

The product must have the CE marking and be used according to the manufacturer's prescriptions.

For further details on the individual products and installation specifications, refer to the relevant technical data sheets which can be downloaded in the updated version on the website [www.volteco.com](http://www.volteco.com).