

TECHNICAL DATA SHEET

Date of issue: 2020

WATER SHIELD ALPINA

DESCRIPTION

White, liquid-applied, elastomer, one component waterproofing, composed of acrylic dispersions. It is suitable for sealing and insulating flat roofs, breast walls, roofs made of concrete, drain pipes, etc. Forming a hydrophobic, vapor-permeable, flexible membrane, impervious even by standing water. Maintains its elasticity under very extreme weather conditions, resulting the bridging of small cracks on the surface, ensuring the tightness of your home. Provides reflection of solar radiation, whiteness and excellent adhesion all over the entire surface.



TECHNICAL CHARACTERISTICS

Density	: 1,40±0,02 (EAOT EN ISO 2811 20°C)
Viscosity	: 15.000 - 16.000 mPas (ASTM D2196-86 25°C)
Thinning	: Without dilution
Coverage	: 0,5 – 0,75 Kg/m ² per layer (1 – 1,5 Kg/m ² for two layers)
Drying time	: Touch dry after 2 - 4hours and recoat able after 12hours
Colors	: White, Tile
Packaging	: 1kg, 4kg, 12kg
VOC (Volatile Organic Compounds)	: EU limit value for this product Category A: “c”, Type:WB, Exterior walls of mineral substrate: 40g/l (2010). This product contains max 39g/l VOC.
Painting tools	: Brush, roller, pistol Remove as much paint as possible from the equipment in the container and clean it immediately with hot water and soap.
Conditions of application	: Do not apply at temperatures below 10°C and above 35°C.
Storage	: Store at temperatures from 5°C to 40°C. Close the container after every use.



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APPLICATION

Stir well before use

Surfaces must be clean, dry and free from foreign objects and substances.

New surfaces	1^o layer: Priming with waterbased or solventbased primer ALPIDUR. NOTE: For very absorbent surfaces, after 12 hours, repeat priming with ALPIDUR or insulating Water shield diluted 100% with water. 2^o layer: One layer of Water shield without dilution. Recoat able after 8-12 hours. 3^o layer: One cross layer of Water shield without dilution.
Painted surfaces	Scratch, stucco and priming with waterbased or solventbased primer ALPIDUR at loose points and repaint with two cross layers of Water shield without dilution.
Reinforcement at critical points	The critical points such as wall and floor compounds, ventilation outlets, etc. reinforced with geotextile, which is impregnated with insulating Water shield. Then it's covered with a sufficient amount of Water shield until saturation.

HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult ALPINA Safety Data Sheets and follow all local or national safety regulations.