

Alya ROOF – TWP

Waterproofing & Thermal Insulation

DESCRIPTION

ALYA ROOF is a modified silicone and elastomeric resin based. Used for Roofs waterproofing and thermal insulation, applied liquidly. Consists of natural vacuumed beads through applying special processes.

PROPERTIES

It is water based material provides heat, water, sound insulation and fire resistant.

APPLICATION SURFACES

Can be applied safely and in guaranteed way for waterproofing and thermal insulation of terraces and roofs, whether surface is concrete, metal, or wood

APPLICATION

•Ensure that the surfaces is clean and free of dirt, oil, loose and peeling paints and other foreign materials. All cracks, junctions, and roof leaking locations should be patched and necessary repairs or changes must be done on leaky roof. ALYA ROOF Insulation Coating application consists of a 4 layer application (1 layer of ALYA PRIMER, 2 layers of ALYA ROOF coating and 1 layer of ALYA PROTECT). Before the application ALYA ROOF, ALYA PRIMER should be applied with a brush or a roller on the surface that intended to be coated with ALYA ROOF. The coating application should be applied at least 2 hours after applying ALYA PRIMER layer ALYA ROOF thermal Insulation and waterproofing material shall be mixed homogeneously with a mixer or a mechanical mixer before coating application. However, the material is ready to use. Use satin roller for application. The roller must be dipped completely in the ALYA ROOF bucket and must be covered by the material completely: the excess material on the roller is spilled into the bucket by shaking. Apply on the surface slowly without pressing. Wait at least 12 hours before applying the second layer ALYA ROOF with the same technic used in the first layer. 18-24 hours after the second layer application, ALYA PROTECT varnish application can be applied to ensure the surface gain bright appearance and protection against all kinds of external factors.

•WARNING: Do not walk on the surface for at least 48 hours after application

PHYSICAL PROPERTIES

Brightness	Dull
Colour	Any colour can be produced
Solid Matter	70±2% (by weight)
Density	0.80 gr/cm ³
Application Tools	Satin roller or spraying
Spraying pressure	40 Bar/580 psi
Nozzle Diameter	0.021"-0.027"
Flash Point	None
Single Layer Dry Film Thickness	1.5-2 mm

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CONSUMPTION

1.2-1.3 kg/m² according to the type, absorbency and structure of the surface to be applied, controlled sample shall be performed for accurate consumption rate

DRYING TIME

(at 20 °C, 65% HR)

Touch drying	2 hours
Over Coating	6-12 hours
Full Drying	24 hours
Note	(Drying time may be extended at a higher level of relative humidity and low temperature).

STORAGE

2 years in its unopened package, in cool and dry place protected from frost and direct sunlight

QUALITY AND ATTENTION

Alya Chemical products are crafted within a management system that is independently certified to meet the standards of quality, environmental responsibility, and occupational health and safety as outlined in ISO 9001 and Alya Chemical ESHQ recommendations.

The properties listed are derived from controlled laboratory tests.

® = A registered trademark of Alya Chemical in various countries

DANGER AND SAFETY PRECAUTIONS

R 43: May cause sensitivity by skin contact.

S 2: store away from children reach

S 23: Do not breathe vapour.

S 24/25: Avoid contact with eyes and skin.

S 37: Wear suitable gloves.

S 46: If swallowed, seek medical advice immediately and show the container or the label.

S 56: Dispose of this material and its container at hazardous or special waste collection point.

DISCLAIMER

This document serves as a comprehensive guide for product application, drawing upon our extensive industry expertise. Customers are required to conduct thorough testing and seek guidance for applications not explicitly covered. Usage of our products beyond specified applications without prior consultation with Alya Chemical may result in potential damages, for which sole responsibility lies with the customer.

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