

ALYA WALL-DTC

Decorative & Thermal Insulation Coating

DESCRIPTION

ALYA WALL is special modified elastomeric resin based, a patterned thermal insulation coating which consists of natural vacuumed beads through applying special processes

PROPERTIES

It is water based material provides heat, water, sound insulation and fire resistant, with high breathing feature

APPLICATION SURFACES

Can be used for coating all kinds of plaster, exposed concrete, old painted interior and exterior walls, all kinds of roof, metal and wood surfaces

APPLICATION

•The surfaces must be clean from all kinds of grease oil, dirt and dust. ALYA WALL Thermal Insulation Coating system shall be consists of a 4 layers (1 layer of ALYA PRIMER 2 layers of ALYA WALL and 1 layer of ALYA PROTECT). Before the application ALYA WALL, ALYA PRIMER should be applied with a brush or a roller on the surface that intended to be coated with ALYA WALL The coating application should be applied at least 2 hours after applying ALYA PRIMER layer. ALYA WALL thermal Insulation 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 or spraying by airless machine (Please refer to the recommended machine specification by contacting your dealer). The roller must be dipped completely in the ALYA WALL Thermal Insulation 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. The material on the roller paints can cover approximately 80-90 cm (depend on the roller width) by rolling it from top to bottom once. After an area of approximately 2-3 m² was painted in this way, the surface should be painted thoroughly from top to bottom and right to left to spread it completely on the surface and a pattern should be given from top to bottom in a single direction necessarily.

- Wait at least 6 hours before applying the second layer with the same technic used in the first layer. 6 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.

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- **WARNING:** Before application to metal surfaces, the surface must be protected against corrosion by applying antirust layer

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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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