

ALYA PIPE - RTW

Thermal Insulation & Rust Proof

DESCRIPTION

ALYA PIPE is a clear modified acrylic and elastomeric resin based. Used for Pipe's thermal insulation, applied liquidly. Consists of natural vacuumed silica beads through applying special processes

PROPERTIES

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

APPLICATION SURFACES

Used for energy saving in hot-cold transfer pipes of all types of materials whether metal, plastic or concrete pipes in petroleum and industrial plants

APPLICATION

•Ensure that the surfaces is clean and free of dirt, oil, loose and peeling paints and other foreign materials. All cracks should be patched
ALYA PIPE Insulation Coating application consists of multi layers as needed to reach the required result. 2 layers application are the minimum (1 layer of ALYA PRIMER, 1 layer of ALYA PIPE coating) if applied by airless machine. And 3 layers (layer of ALYA PRIMER and 2 layers of ALYA PIPE) in case of application done by Roller or Brush
Before the application ALYA PIPE, ALYA PRIMER should be applied by a brush or a roller on the surface that intended to be coated with ALYA PIPE. The coating application should be applied at least 2 hours after applying ALYA PRIMER layer. ALYA PIPE 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. The roller must be dipped completely in the ALYA PIPE 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 PIPE with the same technic used in the first layer

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
Flash Point	None

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CONSUMPTION

1-1.5 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 hour
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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