



# EUNICOTE AQUAGARD

HIGH PERFORMANCE ACRYLIC BASED ELASTOMERIC WATERPROOFING COATING

## DESCRIPTION

EUNICOTE AQUAGARD is a specially formulated modified thixotropic pigmented copolymer emulsion. This emulsion is designed to provide exceptional performance in roofing applications, ensuring its reliability and suitability for roofing projects.

## USES

EUNICOTE AQUAGARD is used for:

- Waterproof coating for sloped roofs and vertical walls
- Weatherproofing a wide range of roof types including mastic asphalt, roofing felt, asbestos cement, corrugated iron, concrete, terrazzo tiles, and slates
- Protective coating for both internal and external walls

## ADVANTAGES

- Antifungal; prevents the growth of fungus
- Resistance to normal industrial atmospheric pollutants and is highly resilient against water, most organic acids, and alkalies present in water solutions, but is not resistant to mineral oils, petroleum solvents, and strong acids
- Non-Flamable
- Compatible with various substrates, including asbestos cement sheets, steel or aluminum roof sheets, as well as concrete decks
- Excellent choice for repairing and enhancing roof waterproofing on bituminous surfaces like roof felt and mastic asphalt
- It bonds effectively to slates, brick, and metals. Any gaps or irregularities can be efficiently filled or covered using aluminum-faced adhesives or bituminous strip, ensuring comprehensive waterproofing and protection
- UV resistant and product white color reflect solar energy reducing internal temperature of the building

## TYPICAL PROPERTIES

Appearance	White Liquid Emulsion
Solid Content	68% ± 1%
Specific Gravity	1.27 g/cm <sup>3</sup> ± 0.01 g/cm <sup>3</sup>
Elongation at Break	> 350%
Solar Reflective Index	105
Water Permeability	Impermeable
Curing Time (Final Setting)	24 hours
Overcoating Time	3 - 4 hours depending on humidity & surface tempera-
Adhesion Strength (ASTM D4541)	> 1.5 MPa @ 7 days
Service Temperature	-5°C - 80°C

## APPLICATION

**Application Conditions:** Temperature between 5°C and 55°C.

### Surface Preparation

The surfaces should be sound and free from contaminants such as dirt, dust, oil, loose paint, and grease. New metal surfaces should be diligently degreased using an appropriate solvent, such as white spirit, to ensure the removal of any residual grease. For existing metal surfaces where the complete removal of rust is not feasible, a vital step is treating them with a rust-inhibitive primer. Spalled, cracked, and defective concrete should be repaired, and surfaces should be free of cracked old coating

### Application Instructions

EUNICOTE AQUAGARD can be applied by brush, roller or coco-fiber broom with the following recommendations:

1. Roof:

it is recommended to apply the first coat at a rate of 1.5 - 2 m<sup>2</sup>/L and the second coat at a rate of 2 m<sup>2</sup>/L.

2. Walls:

it is recommended to apply at a rate of 2 - 2.5 m<sup>2</sup>/L for both coats, ensuring thorough coverage and adherence.

note:

EUNICOTE AQUAGARD 200 should not be utilized on wall surfaces where backfill and rising damp are suspected, as these conditions may impact its effectiveness and performance

### For enhanced durability and resistance in areas prone to weakness or high foot traffic, follow these steps:

- Apply an initial coat at a rate of 1.5 m<sup>2</sup>/L - 2 m<sup>2</sup>/L
- Embed white glass fiber scrim into the still-wet first coat
- Follow up with a second coat at the rate of 1.5 - 2 m<sup>2</sup>/L
- In areas subjected to heavy pollution or challenging environmental conditions, at a rate of 2 -3 m<sup>2</sup>/L

Note:

To mitigate expansion and contraction strain, internal corners should feature splay fillets or cant strips fitted, covered by glass fiber scrim overlapping adjacent surfaces by at least 10 cm. Surfaces should be free of old cracked coating.

### PACKAGING

EUNICOTE AQUAGARD is supplied in 20 kg pails.

### STORAGE

EUNICOTE AQUAGARD should be stored and maintained in frost-free conditions.

The shelf life of EUNICOTE AQUAGARD is 12 months from the date of production.

### HEALTH AND SAFETY

For more information, please check the Material Safety Data Sheet.

### CONTACT

For information regarding the licensee or manufacturer for ECA, please contact us at

[techsupport@alfaihaengineering.com](mailto:techsupport@alfaihaengineering.com).

### DISCLAIMER

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