

EUNICOTE AQUAGARD 200

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 200 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 alkalis present in water solutions, but is not resistant to mineral oils, petroleum solvents, and strong acids
- Non-flammable
- 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	62% ± 1%
Specific Gravity	1.22 g/cm ³ ± 0.02 g/cm ³
Elongation at Break	> 300%
Solar Reflective Index	105
Water Permeability	Impermeable
Curing Time (Final Setting)	24 hours
Overcoating Time @25°C	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 200 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 m²/L and the second coat at a rate of 2 m²/L.

2. Walls:

it is recommended to apply at a rate of 2 - 2.5 m²/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:

1. Apply an initial coat of EUNICOTE AQUAGARD 200 at a rate of 1.5 - 2 m²/L.
2. Embed white glass fiber scrim into the still-wet first coat
3. Follow up with a second coat of EUNICOTE AQUAGARD 200 at the rate of 1.5 - 2 m²/L
4. In areas subjected to heavy pollution or challenging environmental conditions, apply EUNICOTE AQUAGARD 200 at a rate of 2 - 3 m²/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.

COVERAGE

The coverage of EUNICOTE AQUAGARD 200 depends on the specific surface type:

Roofs: The recommended coverage is 1.5 - 2 m²/L for the first coat and 2 m²/L for the second coat.

Walls: The recommended coverage 2 - 2.5 m²/L per coat.

PACKAGING

EUNICOTE AQUAGARD 200 is supplied in 20 Kg pails.

STORAGE

EUNICOTE AQUAGARD 200 should be stored and maintained in frost-free conditions.

The shelf life of EUNICOTE AQUAGARD 200 is 12 months from the date of production.

HEALTH AND SAFETY

For more information, please check the Material Safety Sheet.

CONTACT

For information regarding the licensee or manufacturer for ECA, please contact us at techsupport@alfaihaengineering.com.

DISCLAIMER

ECA aims to ensure the accuracy of information and recommendations in the product literature. However, due to variations in materials, substrates, and site conditions, and without control over product application, storage, weather, and usage conditions, ECA cannot be held liable for any resulting issues.