

EUNICOTE AQUAGARD

Waterproofing elastomeric coating



Description

EUNICOTE AQUAGARD is a thixotropic pigmented copolymer emulsion, EUNICOTE AQUAGARD has been awarded Agreement Certificate No.82/1037 for roofing, Copies of which are available on request.

Uses

EUNICOTE AQUAGARD is a high performance, colored elastomeric coating suitable for weather-proofing all types of roofs including mastic asphalt, roofing felt, asbestos cement, corrugated iron, concrete, tiles, slates, etc. It is also ideally suitable as a protective coating for internal and external walls bathrooms, kitchens.

Typical Properties

Appearance: White liquid Emulsion

Solid Content: $64 \pm 1\%$

Flash Point: on flammable

Ash: $29 \% \pm 2\%$

Application Temperature: Below 5°C and above 55°C

Specific Gravity: 1.20 ± 0.2

Advantages

- Chemical and water resistance: EUNICOTE AQUAGARD is highly resistant to normal industrial atmospheric pollutants and is resistant to water, most organic acids and alkalis in water solutions, pollutants and salts. Not resistant to mineral oils, petroleum solvents and strong acids.
- Fire resistance: Dry films on non-combustible surface conform to BS 476 part 3 Ext.S.A.A fire Rating Agreement Board Certificate No.82/1037.
- EUNICOTE AQUAGARD can be laid on the following substrates:
 1. Asbestos cement sheets to BS 3717:1972(Asbestos cement decking).

2. Steel or aluminum roofs sheets to BS code of practice 143: part 1: 1958 (sheet roof and wall coverings-Aluminum, corrugated and troughed) and part 2:1961 (Galvanized corrugated steel).
3. Concrete decks to BS code of practice 144: part 3 and 4:1970 (roof coverings)
 - It can be used to repair the following roof waterproofing:
 1. Bituminous surfaces, e.g. roof felt to CP 144: part 3:1970 (Built up bitumen felt), mastic asphalt to CP 144: part 4:1970 (mastic asphalt).
 2. Slates
 3. It will also bond to brick and metals.
 4. Any gaps or irregularities should be filled or covered aluminum-faced adhesives bituminous strip.

Method of Use

Surface Preparation

EUNICOTE AQUAGARD should be applied to sound surfaces which are free from dirt, dust, oil, loose paint, grease, etc. Porous or triable surfaces should be primed with EUNICOTE AQUAGARD Primer 188 (see separate Data Sheet). New Metal should be degreased with clean rags using suitable solvent, e.g. white spirit. All other existing metal surfaces where the rust cannot be removed should be treated with EUNICOTE Zinc Chromate Primer 180 or other suitable rust inhibitive primer, and then primed with EUNICOTE AQUAGARD PRIMER 188. NEW GALVANIZED METAL SHEETING should be primed with a calcium plumbate system. Surface cracks should be treated with a thin application of EUNICOTE AQUAGARD PRIMER 188. Joint where movement is anticipated should be covered with self-adhesive aluminum faced bituminous sealing stripe, and the aluminum should be primed with EUNICOTE AQUAGARD Prime 188 and allowed to dry

thoroughly prior to the application of EUNICOTE AQUAGARD.

Application

EUNICOTE AQUAGARD can be applied by brush, coco-fiber broom or by spray to primed surfaces which are clean and dry.

• Roof

The first coat of EUNICOTE AQUAGARD should be applied at the rate of 1.5 to 2 m² /L. the second coat at a rate of 2 m²/L.

• Walls

The method of application of EUNICOTE AQUAGARD to walls should be applied at the rate of 2-2.5 m²/L for both coats.

• N.B. EUNICOTE AQUAGARD should not be used on wall surfaces where backfill and rising damp is suspected.

Reinforcement

Where surfaces are weak or where excessive foot traffic is anticipated the following procedures should be adopted. 1. Apply first coat of EUNICOTE AQUAGARD at the rate of 1.5 -2 m²/L. 2. Embed white glass fiber scrim into first coat of EUNICOTE AQUAGARD while still wet. 3. A second coat of EUNICOTE AQUAGARD should be then applied at the rate of 1.5-2 m²/L. 4. In areas where there is heavy pollution or excessive environment. EUNICOTE AQUAGARD should be applied at the rate of 2-3 m²/L.

N.B: In order to reduce the strain caused by expansion and contraction, internal corners should have splay fillets or cant strips (fillets) fitted. These fillets should be covered by glass fiber scrim which should be allowed to overlap the adjacent surfaces by at least 10 cm.

Spray Equipment

Suitable spray equipment can be obtained from DeVibiss, Banks Bullows and Air Industrial Development.

Coverage

The coverage of EUNICOTE AQUAGARD varies according to the type of surfaces to be coated:
Roofs: 1.5-2 m per coat
Walls: 2-2.5 m per liter coat

Drying Time

Drying time varies according to temperature and humidity. Heavy applications will result in extended drying time. Cleaning of Tools
All tools should be cleaned during application

and immediately after use in clean water. If brushes become clogged they can be cleaned with a proprietary paint brush cleaner.
- Spray equipment MUST BE thoroughly flushed out with clean water immediately after use.

Chemical and Water Resistance

EUNICOTE AQUAGARD is highly resistance to normal industrial atmospheric pollutants and is resistance to water, most organic acids and alkalis in water solutions, pollutants and salts. Not resistant to mineral petroleum solvents and strong acids.

Fire Resistance

Dry Films on non-Combustible surface conform to B.S. 476 part 3 Ext. S.A.A. Fire Rating Agreement Board Certificate No. 82/1037 rofeis.

Packaging

EUNICOTE AQUAGARD is available in 20 liter pails.

Storage

EUNICOTE AQUAGARD is an emulsion and must be stored in frost free conditions.

Contact Information

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