

EURIPARE 512 W

Cementitious waterproof coating



Product Description

EURIPARE 512 W is a two component cementitious composition, designed as a high quality repair mortar. It contains Portland cements blended and formulated with chemical admixtures, graded quality aggregates and modified by the addition of a synthetic co-polymer latex liquid as the gauging solution.

Uses

Uneven surfaces can be leveled and smoothed using EURIPARE 512 W in addition to filling of blowholes and other blemishes on concrete surfaces, as well as water proof coat. EURIPARE 512 W is employed as a coating to protect concrete against water/chloride ingress, both on new structures and after patch repairs. EURIPARE 512 W can be used to damp roof and waterproof cellars, basements, potable water tanks, water tanks and walls both on internal and external concrete and block work.

Advantages

- Provides a flexible sealing layer.
- Is easy to apply by brush or steel float.
- Leveling coats of EURIPARE 512 W have extremely low permeability and provide excellent protection against ingress of salt solutions.
- Subsequent paint coats can be applied with greater economy.
- Excellent adhesion to prepared surfaces.

Typical Properties

General:

Pack A – Latex Liquid

Appearance: White liquid

Specific Gravity: 1.03 at 20°C

Storage Life: 12 months in unopened containers

Pack B – Powder Component

Appearance: Light grey powder

Shelf Life: 12 months in unopened bag.

Pack Size: A 5 kg, B 15 kg

Mix Ratio, A:B Brush coating 1:3 by weight Application:

Coverage: 24 m at 1 mm thick for pack 20 kg in two coats

Mixed Density: 1800 kg/m³

Water Addition: Nil under most circumstances. Small additions are permissible to increase workability slightly.

Workability: Thixotropic paste

Working Time: 30 min at 20°C

Minimum Layer Thickness: 0.5mm

Maximum Layer Thickness: 3mm

Elongation at break: 20%

Compressive Modulus: 1900 N/mm²

Trowellable Putty -Flexural Strength, BS6319, Part 3: 7 days 5.5 N/mm²

Tensile Strength: BS 6319, Part 7: 7 days 2.0

N/mm² Compressive Strength BS 6319, Part 2: 7 days 8.0

N/mm²

Method of Use

Surface Preparation

All surfaces must be clean and sound. It is recommended that to promote adhesion between EURIPARE 512 W and the underlying substrate, all surface laitance should be removed by grinding, wire brushing etc., ensuring all dust and debris are removed before application. All surfaces should be thoroughly wetted before starting and be in a moist condition during placing. Any free surface water must be removed before application.

Mixing

Pour the liquid, Pack A, into a suitable vessel and stir well with a slow speed paddle stirrer. The powder, Pack B, is added slowly until the desired

consistency is obtained. Alternatively, this operation may be carried out in a pan mixer.

Application

Smoothing, finishing and sealing mixes: Mix to a smooth Trowelable slurry paste and apply using the edge of a float or trowel in 1 or 2 coats at a coverage rate of 2 kg/m² (1mm). Brush application is also possible but 2-3 coats may be necessary. Following the first coat, subsequent coats may be applied at 4-6 hour intervals, depending on ambient conditions. Trowellable putty mixes: Mix to a trowellable paste consistency using a reduced quantity of gauging liquid and apply to blow holes or surface defects with a trowel or steel float.

Curing

While the incorporation of an acrylic polymer reduces the tendency of the mortar to lose water and crack under the strains due to drying shrinkage, good curing practice is still necessary, particularly in arid conditions. To protect against drying, EURIPARE512W must be cured with polythene sheeting or wet hessian immediately after finishing. Keep the mortar above 8°C for the first 7 days.

Health and Safety

For further information see the EURIPARE 512 W Material Safety Data Sheet, or consult European Concrete Additives.

Packaging

EURIPARE 512 W is supplied in a 20 kg. Comprising: Pack A- 5 litre Plastic gallons Pack B- 15 kg Plastic bags.

Storage

This product must be stored in a dry place, above 0°C.

Technical Service

The Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

Contact Information

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