

EURIPEL A

Integral Water Repellent Admixture for Concrete



Product Description

EURIPEL A admixture is a stable dispersion of stearate and other water repellent compounds that is added to ready mixed concrete during mixing. EURIPEL A is a ready to-use, factory prepared liquid that will simplify handling and eliminate guesswork. The addition of EURIPEL A to the mix will provide hydrophobic, water repelling properties. The water insoluble stearate acts as a non-wet table lining on the walls of all pores and voids in the mix, making them water repellent. The EURIPEL A "built-in" water barriers guard against damage caused by water infiltration. Architects, engineers, contractors, and other authorities agree that even good quality concretes, mortars, etc. that are properly placed, set or applied then cured, are inherently porous or permeable to water. The free passage of moisture occurs in pores formed during and after placing. EURIPEL A forms an internal barrier against water transmission in mixes used for ready mixed or precast concrete. EURIPEL A can also be added to semi-dry concretes used in the production of masonry products. EURIPEL A provides superior resistance to the penetration of moisture in concrete masonry units and reduces the incidence of efflorescence. EURIPEL A has particular benefit when used in the production of blocks, bricks or pavior manufacture. It can also be utilized in various mortar mixes and semi-dry masonry units.

Advantages

The addition of EURIPEL A will reduce the amount of water that permeates the concrete. Reducing the passage of water will provide beneficial advantages by:

- Increasing resistance to weathering – wetting and drying – freezing and thawing
- Increase resistance to chemical attack

- Reduce the potential of efflorescence
- Reduce the probability of corrosion of embedded steel
- Improves color fastness and color density

Typical Properties

Appearance: White opaque liquid

Specific Gravity: 1.02 at 20°C

Chloride Content: Nil

Freezing Point: 0°C

Storage life in Manufacturer's Drums: 12 months from date of manufacture

Storage life in Bulk Storage: 12 months from date of delivery

Addition Rates Range

Range: 200 - 1000ml per 100kg of cement. Addition rates outside of the recommended dosage range may be used for special concrete applications. In such circumstances it is important to conduct preliminary trials on the actual mix constituents to assess the effect of the properties of the concrete, at the dosage level specified. EURIPEL A can be added to mixes containing other European Concrete Additives admixtures. Testing with actual materials should be done to determine performance. Each admixture must be added separately to the mix. Do not allow any of the admixtures to contact each other before they enter the mix.

Packaging

EURIPEL A is supplied in 1000 liters returnable containers. Alternatively, bulk deliveries can be arranged.

Health and Safety

See EURIPEL A Material Safety Data Sheet or assistance our technical department.

Storage

EURIPEL A should be stored above 3°C. Below this temperature the Product will cloud and at lower temperatures gel. EURIPEL A, in common with most emulsions, is seriously affected by freezing, is irreversibly damaged and cannot be reconstituted on thawing.

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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