

Integral waterproofing admixture in liquid form

PRODUCT

weberad sec E is an integral waterproofer in liquid form suitable for mortar and concrete. This highly efficient admixture reacts with free lime in the cement to form water repellent particles. Mortar and concrete treated are more resistant to capillary pressure and less subject to infiltration of water under pressure.

weberad sec E does not significantly modify the characteristics of the fresh concrete and mortar, nor the compressive strength.

weberad sec E is compatible with all types of cement except aluminates. It may be also associated with other admixtures for concrete (plasticizer, superplasticizer,...). In this case, trials on site are recommended.

SCOPE OF USE

- Concrete for foundations under water table
- Concrete for reservoirs, tanks,...
- Sealing grouts for tanks
- Concrete and mortar in regular contact with water
- Canals for irrigation
- Sand / cement plaster

CHARACTERISTICS

Composition	Specific grades of hydrophobic additives
Appearance	White liquid
Chloride content	NIL
Specific gravity at 20°C	Around 1
pH	7
VOC and formaldehyde content ISO/FDIS 11890-2/GC-MS	None (<10µg/l)
Capillary absorption at 7 days of test mix as per BS EN 934-2	< 50 % by mass of control mix *
Compressive strength at 28 days as per BS EN 934-2	> 85% of control mix *
Air content of test mix as per BS EN 934-2	< 2 % by volume above control mix *

*in compliance with BS EN 934-2 requirements

APPLICABLE STANDARDS

BS EN 934-2

INSTRUCTIONS FOR USE

weberad sec E is completely miscible in water. It must be added to the mixing water.

DOSAGE RATES

0.5 to 1.5 kg per 100 kg of the cement.

PACKAGING

weberad sec E is supplied in: 1000, 200, 25, 20 and 4 lit. drums.

STORAGE

Can be stored up 6 months from manufacturing date, in original packaging, non open, protected from heat and frost. When stored over a long period, before use, agitate it lightly or circulate it using a pump to make it completely homogenous.

HEALTH & SAFETY

In case of frost, the product recovers its properties after progressive thawing and homogenizing by agitation. In case of contact with skin or eyes, rinse thoroughly with water. If irritation persists, seek medical attention. If swallowed, do not induce vomiting and seek medical attention.

QUALITY STATEMENT

All our products are manufactured to comply with our internal QA/QC program and quality management system to ensure consistency and quality.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

NOTE

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