

EABASSOC

PRODUCT INFORMATION

EABASSOC Accelerator FC

Description

EABASSOC Accelerator FC is a liquid, chloride free, set/strength accelerator for use in cementitious systems. The time it takes for the initial can be controlled by varying the dosage rate.

Uses

- * Suitable for use with EABASSOC Lightweight Foamed Concrete
- * Sprayed concretes, Guniting, Shotcrete applications.
- * Grouting for mining and slope / tunnel stabilization.
- * Rapid repair to plain & reinforced concrete areas.
- * Water ingress areas/tidal work to reduce washout
- * Cold weather working.

EABASSOC Accelerator FC is particularly suited for use with EABASSOC Lightweight Foamed Concrete when used for Trench Reinstatement since it allows final re-surfacing to be carried out in a matter of hours.

Technical Data

Physical appearance	White to beige liquid
Form	Suspension
Specific Gravity	1.43 (20 °C)
pH value	2.0 – 3.0
Chloride content	Nil. (<1000 ppm)
Thermal Stability	+5°C to + 35°C

Advantages

- * Chloride - free set/strength accelerator reduces reinforcement corrosion fears.
- * Rapid initial and final set means less rebound in shotcrete/guniting applications, and earlier application of multiple coats.
- * More rapid stabilization of substrate allows greater depth build up following coats.
- * Reduces wash out potential in water seepage/tidal areas.
- * Allows work to proceed in cold temperatures.

Application Instructions

EABASSOC Accelerator FC is supplied ready for use, and for accuracy should preferably be added through a calibrated dispensing system (we can advise on suitable equipment). To assist dispersion, the addition should be at the same point and time as the mix water.

EABASSOC Accelerator FC is compatible with all Portland cement systems, including PFA and GGBFS blended cements. Do not premix with other admixtures prior to addition to mix.

EABASSOC Accelerator FC is suitable for use with peristaltic or worm pumps, but not with piston pumps.

EABASSOC Accelerator FC has been found to slightly increase the density of foamed concrete.

Dosage Rate

The liquid volume by weight cement dosage range is 2 to 5 % liquid volume by weight cement (i.e. 2 to 5 litres of EABASSOC Accelerator FC per 100 kg cement). Rates above and below these can be used depending on performance requirements. Overdosing will produce a more rapid set of the mix, considerably reducing setting time to the point of causing a flash set. For foamed concrete the recommended dosage rate is 1.5 – 2 % liquid volume by weight cement.

When working in cold weather it is essential that the cementitious mix has enough heat energy to enable EABASSOC Accelerator FC to initiate the chemical reaction which induces rapid set. By using hot water to make the cementitious mix, its temperature can be increased.

When working in hot weather the dosage can be decreased in order to avoid an extremely rapid set of the cementitious mix.

Warehousing

Packaging: EABASSOC Accelerator FC is supplied in 210 litre drums of 1000 litre IBCs. Bulk deliveries can also be arranged.

Storage: Store between +5°C and +35°C. Protect from freezing. If frozen thaw slowly and remix prior to use.

Agitate prior to use. Keep in closed containers made of plastic, glass fibre plastic or stainless steel. Do not store in normal steel containers.

Keep away from metals such as aluminium, tin, zinc and their alloys and acids and ammonium salts.

Shelf Life: 6 months

Health and Safety

Use the same precautions as with cementitious products. Avoid skin or eye contact. Do not ingest. Wear suitable protective clothing, gloves and eye protection. Wash any contaminated clothing prior to re-use.