

shot-creting Accelerator Admixture

Description

S2-305 is made under the management of competent experts by consuming the finest grade component according to the market norms. S2-305 is plasticising accelerator for cement concrete and mortars

Uses:

S2-305 is an accelerator suitable for dry as well as wet spray applications. It is used for the following main applications :

- S2-305 is of special use in guniting and shot-creting as its accelerated setting times help in quick rebuilding of mortar layers without colla-pse
- Rebound losses in shot-creting and guniting are minimized
- Early shifting of the pre-cast elements is facilitated
- In pre-cast hollow / solid blocks, pavers, cement tiles, breaking of the edges while lifting the moulds is minimized
- S2-305 helps in early setting of mortars and concrete in low temperature climates

Advantages

Following arguments specially distinguish S2-305 as catalyser of spraying concrete :

- Free from alkali
- Good long term strength and durability
- In case of proper application, minimum loss of solidity of the catalysed concrete
- Reduction of rebound
- Improved adhesion of the sprayed concrete on rock and concrete
- Improved adhesion in the over head crown portion
- Clear reduction of dust and a good working environment
- Free from chloride and does not attack reinforcement

Appearance : white coloured suspension type liquid

Chemical Base: Mineral based

Relative Density : ~1.46 Kg

PH: ~2.5

Packaging: Available In 230 kg Non Returnable Drums.

Storage & Shelf Life

12 months from date of production if stored properly in undamaged unopened, original sealed packaging, in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.

Dosage

Required dosage of S2-305 has to be arrived at site by practical trials The dosage is dependent on temperature conditions, type of cement, type of acceleration required We however recommend dosages of 1 to 10% by weight of cement Lower dosages are however used in pre-cast elements and higher dosages are used in shot-creting

Application Conditions Instructions For Use

Over dosage of S2-305 results in flash settings of concrete or mortars Do not use frozen aggregates in concreting in low temperature areas For best results keep gauging water to a minimum Areas to be concreted or shot-creted should be free from ice Fresh concrete should be so sheltered as to ensure the preservation of heat of hydration evolved

Important Notes

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

other products categories available