

Accelerating Admixture for Concrete & Mortar.

DESCRIPTION

Dowflake based accelerating Quick Setting Admixture for use in concrete and mortars. When admixed with concrete and mortar along with water Parma Concrete Set accelerates the setting time of the concrete and mortar and helps in achieving high early strength. This product is of use in shot-crating and grunting and in concreting and rendering in cold climatic conditions. It conforms to ASTM C 494 type C.

USES

It is recommended for use in Paver & Block industry. Its can highly benefit from the use of this product as it helps in early de-molding and early shifting of the paver blocks to site saving enormous amount of space utilized in conventional curing and its slow strength development.

BENEFITS/ADVANTAGES

- Faster turnaround of form work in Pre-Cast application.
- Gives early compressive strength that enables earlier release of precast concrete.
- Fast Construction process and early load bearing capacity.
- Reduced or eliminated heat or steam curing.
- No negative effects on final strength.

METHOD OF APPLICATION

As per mix design, mix cement and dry aggregates (SSB condition) in a mixer machine for 2-3 minutes. Add 70% water, recommended as per design, to the dry mix and mix another 2-3 minutes. Now required **Acce 311**, mix with remaining water and add to the whole mixes and mix for 2-3 minutes.

DOSAGE

Use **Acce 311**, 0.4 to 1.2% by weight of cement. It is advisable to carry out trial mixes, to establish the exact dosage rate required. It is compatible with all types of Portland cement.

PRECAUTIONS & LIMITATIONS

- Do not add **Acce 311**, to the dry mix of cement and aggregates.
- Firstly, Cement and aggregates wetted, then to the wetted mix add **Acce 311** with water.

TECHNICAL PARAMETERS

PROPERTIES	RESULTS
Appearance	Brown Liquid
Specific Gravity at 27°C	1.10 ±0.02
PH	More than 6
Solid Content	20±03
Chloride Content	0.1% (Max)
Toxicity	Non-toxic
Application Temperature	-40 to +44°C

PACKAGING

5, 10, 20, 250 Kg. and as per requirement.

SHELF LIFE & STORAGE

- 12 months from the date of manufacturing in unopened condition.
- Store in a cool and dry place in shaded area.

HEALTH & SAFETY PRECAUTIONS

Use rubber hand gloves & safety goggles, while using **Acce 311** In case of contact with skin, and eyes wash with plenty of water and seek medical advice. Keep out of reach of children.

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