

PC 311A

Chloride-Free Accelerator For Setting, Hardening, & Water Reducing



DESCRIPTION

S.S. PC311A is a chloride-free, setting and hardening accelerator for special application concretes. Added in the mixing water, it allows fast form removal and faster construction process, whether in prefabrication or on site casting.

PROPERTIES

If S.S. PC311A is used in the proportion of 2% to 3% of the cement mass, the setting time will be stimulated, thus reducing the beginning and the end of the setting by 40% to 60% at + 5°C compared to the reference test.

If it is used in the proportion of 3.5% of cement mass, the mechanical strength will not be altered, and the beginning of the setting will be identical to what is obtained at normal temperature (20°C). S.S. PC311A speeds up formwork rotation and can be used with heated concrete.

CHARACTERISTICS

Appearance	Brown Liquid
Specific Gravity	1.15 ± 0.02
Freezing Point	= 2oC
Cl- Content	Nil

APPLICABLE STANDARDS

Applicable standard: ASTM C 494 Type C.

INSTRUCTIONS FOR USE: MIXING

Add S.S. PC311A to the mixing water which will be reduced by 3% to 5%.

PRECAUTIONS

- Never mix concrete when the aggregates are frozen.
- In cold weather the cement content must not be lower than 300 kg/m³.

TESTS

We recommend carrying out preliminary test before using our product on site.

DOSAGE

Recommended ratio: from 2 to 5% of the cement weight.

PACKAGING

S.S. PC311A is supplied in: 1000 lit. totes - 200 lit. drums - 25 lit. gallons

STORAGE

S.S. PC311A can be stored up to 1 year from manufacturing date under cover, out of direct sunlight and protected from extreme temperatures.

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.