

ARMORCEL 300

PCE Based Accelerating Admixture for
Concrete and Mortar

PRODUCT DESCRIPTION

ARMORCEL 300® is a non-chloride PCE based concrete set accelerator, ready-to-use liquid admixture. It accelerates initial setting time one to three times faster than normal mortar and concrete without adversely affecting other properties of concrete and mortar

ARMORCEL 300 improves workability and strength while hastening the hydration of cement. It makes the mix easier to place and speeds construction by shortening the initial set and curing time without resulting in slump loss. Time and labor are saved because forms and other protection can be removed earlier and finishing can be started.

Early Strength Concrete: ARMORCEL 300 Accelerator delivers excellent results in normal and hot weather conditions where very high early strengths are required. Conventional accelerators promote early stiffening of the concrete, making it unworkable within a short period of time.

FEATURES

- High Flow and Fluidity and controlled expansion
- Chemical resistant
- Allows for early stripping and re use of forms
- Bonds to wet and dry surfaces
- High strength

USES

- Concrete requiring fast stripping times
- Self compacting concrete
- Pile cap re-profiling
- As a substitute for rapid hardening cement
- Pre-cast elements
- Can also be used in cold climates where accelerated strength development is necessary

PACKAGING AND SHELF LIFE

25litres keg, 210 litres drum, 1000 Litres drum.
Shelf life is 12 months when stored in a cool dry place

TECHNICAL INFORMATION

Density: 1.1kg/litre

PH VALUE: 0.7

Chloride Content: NIL

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YIELD

Standard dosage is 0.4-1.2 % of cement content. This amounts to between 200ml -600ml per 50kg of cement In certain applications and situation where higher level of acceleration is desired, dosaging may be increased to 1%-2% (500ml-1000ml)

It is better to add ARMORCEL 300 to wet concrete after more than 50% of the initial water has been added.

ARMORSIL MANUFACTURING

Armorsil provides detailed method statements on all its products for use in various applications. For additional information contact your ARMORSIL local representative.

HEALTH AND SAFETY

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

LIMITED WARRANTY

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either e x p r e s s e d or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

Armorsil Manufacturing supplies products that comply with the properties shown on the current datasheets. In the unlikely event that products supplied are proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price. Armorsil Manufacturing does not warrant or guarantee the installation of the products as it does not have control over the installation or end use of the products. Any suspected defects must be reported to Armorsil Manufacturing in writing within seven working days of being detected.

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