

ARMORCEL 200

SNF Based Accelerating Admixture for Concrete and Mortar

Product Description:

ARMORCEL 200® is a non-chloride SNF based concrete and mortar 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 200 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 formwork and other protection can be removed earlier and finishing can be started.

Early Strength Concrete: **ARMORCEL 200®** 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. **ARMORCEL 200®** Accelerator is designed for applications where early stiffening (slump loss) is not desirable but high early strengths must be obtained within a specified time.

Advantages:

- Can be used for concrete repair especially areas requiring SCC repair compounds
- High Flow and Fluidity
- Resistant to chemical
- Controlled expansion
- ARMORCEL 200 helps to cut down stripping time precast concretes
- High early strength development

Uses:

- Concrete repairs and protection
- Concrete requiring fast stripping times
- Self compacting concrete
- Pile cap re-profiling
- Gap filling
- 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. Shelf life is 12 months when stored in a cool dry place

Technical Information:

Density - 1.1kg/litre
PH VALUE - 0.7
Chloride Content - 0

Dosage and Direction for use:

Typical dosage would be 500ml to 1000ml per 50kg bag of cementitious content. Note that the actual dosage for any situation would depend on trial mixes, the initial extension of the required set time, temperature and cement type.

It is better to add ARMORCEL 200 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.



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