



ULTRA ANTI FREEZING C-10

Concrete Admixture for Cold Weather

Admixtures

Surface Treatments

Protective Coatings

Concrete Repairs

Industrial Flooring

Grouts & Anchors,

Adhesives,

Water Proofing

Sealants

Description:

Ultra Anti Freezing Admixture is a non-corrosive, non-chloride admixture for concrete. Ultra Anti Freezing Admixture is specially formulated to reduce concrete setting times and increase early strengths for concrete in very cold conditions, and may be used to reduce the time that concrete must be protected against freezing in ambient temperatures ranging from -5 degree C to -10 degree C.

Uses

Suitable for the winter construction of common concrete, pumping concrete, large volume concrete and ready mixed concrete.

Advantages

Ultra Anti Freezing Admixture is a new generation of high efficient anti-freezing agent. Small admixture, completely water soluble, low alkali, apparent reducing effect on the alkali-aggregate reaction. It can improve the workability, pumping properties and early strength of the concrete.

Ultra Anti Freezing Admixture could reach up to 4MPa (-15 degree C) six hours after grouting.

Increase strength persistently-Grouting concrete could reach standard strength under normal temperature.

Self-leveling and vibration-free-The mortar could flow automatically so that no vibration is required, which ensure all gaps be grouted in the process of grouting.

Item	UAF-C10	UAF-C15	UAF-C20
Addition Rate	2.0%	3.0%	4.0%
Lowest Daily Temperature	-5 degree C	-10 degree C	-15 degree C
Compressive Strength (Mpa)	1 day	8	2
	3 days	25	20
	7 days	40	30
	28 days	60	50
Vertical Expansion	0.1 - 3%		
Fluidity	>=240 mm		
Grouting Height	<=200 mm		
Water Required	12 - 14%		
Material Required	2200 kg /m ³		

Packing
210 Ltr

Dosage:
500-600 ML / bag of Cement



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