



1.03 XPERT Retarder 888

Set- Retarding Concrete Admixture

PRODUCT DESCRIPTION

XPERT Retarder & Plasticizer 888 is a water reducing set retarding admixture for concrete based upon a combination of highly purified lignosulfonates and hydration enhancing components. XPERT-R 888 provides a more plastic and flowable concrete, greater impermeability, reduced shrinkage, and higher compressive strengths in your concrete. XPERT-R 888 facilitates placing and finishing by providing controlled retardation of the concrete’s setting time to meet individual project requirements.

BENEFITS

- Increased workability.
- Easier place ability.
- Reduced shrinkage and cracking.
- Easier and faster pumping.
- Greater impermeability.
- Reduction in segregation.
- Enhanced uniformity.
- Increased durability.
- Improved appearance.
- Increased strengths.

RECOMMENDATIONS

XPERT-R 888 is recommended for applications where climatic, or jobsite conditions require controlled retardation while enhancing the performance characteristics of concrete. XPERT-R 888 is calcium chloride free and is recommended for use in all types of concrete including plain, reinforced, precast and prestressed concretes. XPERT-R 888 is especially effective in concretes containing such pozzolanic materials as fly ash, silica fume and slag. XPERT-R 888 set-retarding admixture is recommended for the optimum in finish ability and overall performance.

DIRECTIONS FOR USE

XPERT-R 888 can be dispensed into any of the concrete materials, except cement, but preferably into the water. XPERT-R 888 is compatible with other admixtures; however, each admixture should be added to the mix separately. XPERT-R 888 should be kept from freezing. If accidentally frozen, thawing and thoroughly remixing can restore its properties.

DOSAGE

The recommended dosage range for XPERT-R 888 is 0.3 to 0.9 liters per 100 kg of cement. Set retardation and performance enhancement will increase with increases in dosage rates. It is suggested that trial mixes be conducted in order to determine the required dosage for optimum performance with your concrete components.

PACKAGING

XPERT-R 888 is supplied in either 55-gallon (208 liter) drums or in bulk delivery.

APPLICABLE STANDARDS

XPERT-R 888 meets or exceeds the requirements of ASTM C 494, Types B and D.

CHARACTERISTICS

CATEGORY	PARAMETERS
Specific Gravity	1.150 @ 20°C
Appearance	Dark brown liquid
Chlorides	Nil
Air Percentage	Less than 3%
PH	7 - 8

TECHNICAL SERVICE

A trained XPERT representative is available to assist in the preparation of specifications, and the resolution of concrete problems in the field.

HEALTH & SAFETY

- Protect hands with rubber gloves and eyes with goggles.
- Accidental splashes to the skin or eyes must be rinsed immediately with clean water.
- Store in well-labeled containers.
- If required get medical attention.