

REC PLAST FC 200

ACCELERATING ADMIXTURE

DESCRIPTION

REC PLAST FC 200 patented, ready-to- use, liquid admixture is formulated to accelerate time of setting and to increase early concrete strengths. **REC PLAST FC 200** admixture does not contain calcium chloride and is formulated to comply with ASTM C 494/C 494M Type C, accelerating, admixture requirements.

PRIMARY APPLICATIONS

- Reinforced, precast, pumped, flowable, lightweight or normal weight concrete and shotcrete
- Concrete placed on galvanized steel floor and roof systems which are left in place
- Prestressed concrete
- Fast-track concrete construction
- Concrete subject to chloride ion constraints
- 4x4™ Concrete
- Self-consolidating concrete (SCC)
- Pervious concrete

FEATURES/BENEFITS

- Accelerated setting time across a wide range of temperatures
- Increased early compressive and flexural strengths
- Earlier finishing of slabs reduced labor costs
- Reduced in-place concrete costs
- Reduced or eliminated heating and protection time in cold weather
- Earlier stripping and reuse of forms
- Superior finishing characteristics for flatwork and cast surfaces

TECHNICAL INFORMATION

PERFORMANCE CHARACTERISTICS:

Mixture Data: 453 lb/yd³ (269 kg/m³) of Type I cement; 3-4 in. (75-100 mm) slump; concrete temperature 74 °F (23 °C); ambient temperature 50 and 75 °F (10 and 24 °C); non-air- entrained concrete.

Setting time	@ 50 °F (10 °C)	
	Initial Set (h: min)	Difference (h: min)
Plain	13:44	REF
REC PLAST FC 200 @		
1,300 mL/100 kg	7:11	-6:33
2,600 mL/100 kg	6:05	-7:39

Setting time	@ 75 °F (24 °C)	
	Initial Set (h: min)	Difference (h: min)
Plain	8:18	REF
REC PLAST FC 200 @		
1,300 mL/100 kg	4:59	-3:19
2,600 mL/100 kg	4:18	-4:00

DIRECTIONS FOR USE

Dosage: The recommended dosage range for **REC PLAST FC 200** admixture is 0.65 – 2.9 L/100 kg of cementitious materials for most concrete mixtures using average concrete ingredients. Because of variations in job conditions and concrete materials, dosage rates other than the recommended amounts may be required. In such cases, contact your local sales representative.

The maximum dosage of **REC PLAST FC 200** in potable water applications that require the use of NSF Certified products is 2.0 L/kg of cementitious materials. For specialty concrete mixtures such as 4x4 Concrete, dosages up to 100 6.5 L/100 kg may be required.

PACKAGING

This product is supplied in 55 gal (208 L) drums, 275 gal (1040 L) totes and by bulk delivery.

SHELF LIFE

REC PLAST FC 200 admixture has a minimum shelf life of 18 months. Depending on storage conditions, the shelf life may be greater than stated. Please contact your local sales representative regarding suitability for use and dosage recommendations if the shelf life of **REC PLAST FC 200** admixture has been exceeded.

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.



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NOTE

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