

Technical Data Sheet
Edition 1, 2007
Identification no.
XX XX XX XX XXX X XXXXXX
Version no. 0010
Plastocrete® RT6 Plus

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Water Reducing and Set Retarding

Description	A highly efficient and economical water-reducing and set-retarding concrete admixture with a wide dosage range. Complies with A.S.T.M. C 494-92 Type D
Use	Plastocrete® RT6 Plus is used as a water reducing-retarding admixtures in structural and mass concrete where a controlled extension of setting time and high quality structure is required, such as : <ul style="list-style-type: none"> ■ Large volume pours ■ Avoidance of cold joints ■ Difficult placing conditions ■ Long hauls ■ Revibrated concrete
Advantages	Plastocrete® RT6 Plus is a ready to use concrete admixture which provides the following properties : <ul style="list-style-type: none"> ■ Controlled extension of setting times ■ Improve workability of the fresh concrete ■ Long lasting control of workability of concrete ■ Reduce shrinkage and creep ■ Chloride free – does not attack reinforcement
Dosage	0.2% - 0.6% by weight of cement. The retardation rate achieved is directly dependant on the dosage rate which in turn is influenced by quality of cement and aggregates, water-cement ratio and temperatures. It is advisable to carry out trial mixes to establish the exact dosage rate required. Plastocrete® RT6 Plus is compatible with all types of Portland cement including SRC
Dispensing	Plastocrete® RT6 Plus should be dispensed directly into the mixing water prior to its addition to the aggregates. When accidental overdosing occurs, Plastocrete® RT6 Plus does not entrain excessive amounts of air, however the set retarding effect increases. During this period the concrete must be kept moist in order to prevent premature drying out.

Technical Data

Type	A blend of special organic agents
Colour	Dark brown
Specific Gravity	1.12 ± 0.01kg/ ltr
Shelf Life	12 months from date of production if stored properly in original unopened packing.
Storage	Dry, cool, shaded place
Packaging	200 ltr drum Bulk delivery

Safety Precautions:

- Avoid contact with skin and eyes
- Wear protective gloves and eye protection during work
- If skin contact occurs, wash skin thoroughly.
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.



Legal Notes

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