

Novo Plast R

Data Sheet

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High Water Reducing and Retarding Concrete Admixture complies with ASTM C-494 Type D

DESCRIPTION

Novo Plast R is a brown liquid set retarding concrete admixture with a powerful plasticizing effect. Substantial water reduction can be achieved without loss of workability.

STANDARDS

Novo Plast R complies with ASTM C-494 Type D

FIELDS OF USE

Novo Plast R used where high quality concrete is required in difficult conditions, such as:

- High temperatures.
- Large pours like ref to decks, slabs.
- Long hauls.
- Ready- mix concrete.
- Pre-stressed concrete.

ADVANTAGES

Novo Plast R provides the following properties:

- Increase setting times at elevated temperatures.
- Long-lasting control of slump at high temperature.
- Improve workability without increased water content.
- Reduce water without loss of workability.
- Increase strengths.
- Reduce shrinkage and creep.
- Improve surface finish.
- Chloride free-does not attack reinforcement.

PHYSICAL PROPERTIES @ 25 C°

DISCRIPTION	VALUE
Appearance	brown liquid
Density	(1.134 ±0.005) kg / L
Chloride content	NIL
Shelf life	6 Months in suitable storage conditions

DIRECTIONS FOR USE & DOSES

- **Novo Plast R** dose is 0.8 – 1.2 Lit/ 100 Kg cement. Actual dosage rate required is depended on effect sought quality of cement and aggregates, water/cement ratio and ambient temperature.
- In many cases, it is advisable to carry out trial mixes to establish the exact rate required.

Dispensing:

- **Novo Plast R** should be dispensed directly into the mixing water before its addition to the dry mix.

Important Notes:

- High care to determine the dosage of **Novo Plast R** when used with SCR because **Plast R** may highly retarded the setting time of SCR concrete based on the chemical components of cement.
- **Novo Plast R**, when accidental overdosing occurs, this will have the effect of extending setting time. During this period, the concrete must be kept moist in order to prevent premature drying out.

PACKING

Cubic 1000 litres / or as customer requirements.

STORAGES CONDITIONS

The temperature must be kept within the range 5 °C to 45°C. If this temperature is exceeded, a respect advice should be sought from the supplier.

PRECAUTIONS & SAFETY

Novo Plast R is non-flammable and non-toxic, wash any splashes to the eyes immediately with water, and medical advice should be consulted.