



# Novo Plast RD 2008

Data Sheet

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

## DESCRIPTION

**Novo Plast RD 2008** 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 RD 2008** complies with ASTM C-494 Type D

## FIELDS OF USE

**Novo Plast RD 2008** used where high quality concrete is required in difficult conditions, such as:

- High temperatures.
- Large pours like ref to decks, slabs. Of ready concrete for long distance
- Transportation
- Long hauls.
- Ready- mix concrete.

## ADVANTAGES

**Novo Plast RD 2008** 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 RD 2008** dose is 0.9 – 1.4 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 RD 2008** 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 RD 2008** when used with SCR because **Novo Plast RD 2008** may highly retard the setting time of SCR concrete based on the chemical components of cement.
- **Novo Plast RD 2008** 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 RD 2008** is non-flammable and non-toxic, wash any splashes to the eyes immediately with water, and medical advice should be consulted.