

# Novo Plast WP

Data Sheet

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**Integral waterproofing admixture for Concrete** complies with ASTM C 494 Type – A

## DEFINITION

**Novo Plast WP** is supplied as a brown colored liquid instantly dispersible in water, formulated of blended inorganic ingredients and waterproofing additives.

When adding to concrete mixes, it acts as a powerful dispersing agent enabling the water content to perform more efficiently by causing the cement particles, which tend to agglomerate, to disperse and expose a larger surface area.

**Novo Plast WP** complies with ASTM C 494 Type – A.

## FIELDS OF USE

**Novo Plast WP** used where high quality and water proofing concrete is required in difficult conditions, such as:

1. High temperatures.
2. Waterproof concrete.
3. Large pours like ref to decks and slabs.
4. Increase compressive strength.
5. Ready- mix concrete.
6. Underground structures bridge, foundations, water tanks, etc.

## ADVANTAGES

**Novo Plast WP** is provided the following properties:

1. Produce water proofing concrete.
2. Improve workability without increasing water content.
3. Reduce water without loss of workability.
4. Reduce shrinkage and creep.
5. Improve surface finish.
6. Chloride free does not attack reinforcement.

## PHYSICAL PROPERTIES @ 25 C°

DISCRIPTION	VALUE
Appearance	brown liquid
Density	(1.14 ±0.005) kg / L
Chloride content	NIL
Compatibility	Compatible with all types of Portland cement
Shelf life	6 Months in suitable storage conditions

## DIRECTIONS OF USE & DOSES

- **Novo Plast WP** dose is 0.8 – 1.2 Lit/ 100 Kg cement.
- Actual dosage rate required is depended on: effect sought quality of cement & 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 WP** 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 WP** when used with SRC because **Novo Plast WP** may highly retard the setting time of SRC concrete based on the chemical components of the cement.
- **Novo Plast WP:** When accidental overdosing occurs; this will have the effect of extending the setting time. During this period, the concrete must be kept moist in order to prevent premature drying out.

## PACKING

Cubic 1000 liter / or as customer requirements.

## STORAGE 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 WP:** is non-flammable and non-toxic, wash any splashes to the eyes immediately with water, and medical advice should be consulted.