

High Range Water reducing, workability retention and super plasticizer concrete admixture complies with ASTM C494 as Type G.

DEFINITION

Novo Plast G 24 is a chloride free workability retention admixture based on selected organic polymers. It is supplied as a brown solution, which instantly disperses in water.

Novo Plast G 24 disperses the fine particles in the concrete mix enabling the water concrete of concrete to perform more effectively. This increased workability, cohesion and retardation minimize loss of workability.

STANDARDS

Novo Plast G 24 complies with ASTM C 494 as Type G.

ADVANTAGES

1. Increase workability without extra water, reducing placing time and costs.
2. Give increased working life to fresh concrete.
3. Aid pumping by improving cohesion and reducing workability loss.
4. Reduce water content more than 15 % % where increase compressive strength of concrete without effect on workability of concrete.
5. Improve cohesion, minimizing segregation and improving surface finish.
6. Chloride free, safe to use in reinforced concrete.
7. Can be used with concrete containing micro silica and other cement replacements.

PHYSICAL PROPERTIES @ 25 C°

DISCRIPTION VALUE

Appearance	brown liquid
Density	(1.155 ±0.01) kg / L
Chloride content	NIL
Shelf life	6 Months in suitable storage conditions

NOVOCHEM S.AE

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DIRECTIONS OF USE & DOSES

- The optimum dosage of **Novo Plast G 24** to meet specific requirement should always be determined by trials using the normal dosage is **0.8 to 2 liters/ 100 kg** of cementations material; where that depends on the type of raw materials and weather conditions
- The retardation and improved cohesion provided by **Novo Plast G 24** is acted to enhance the workability retention characteristics.

Effects of overdosing:

- An overdose of doubling the **Novo Plast G 24** amount will result in a significant increase in retardation if compared to that normally obtained. Provided that, adequate curing is maintained, the concrete ultimate strength will not be impaired with increased retardation and will be generally increased.
- The effects of overdosing will be further replacement materials that used. Over dosage increases the retardation and workability without cause increased air entrainment so the effect level will depend on the particular Mix design and overdose level.

PACKING

Cubic 1000 litres / 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 G24 is non-flammable and non-toxic, wash any splashes to the eyes immediately with water, and medical advice should be consulted.

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