Super Admixture 808

(NED Tested-2016)

High Performance Superplasticiser for Slump Retention and High Strength Concrete

INTRODUCTION

SUPER 808 Admixture is a chloride free superplasticizing liquid admixture based on selected lignosulphonates.



USES

- To improve the effectiveness of the water content of a concrete mix.
- To help improve the workability of site mixed concrete without increasing water demand
- To provide excellent slump retention properties in tropical conditions.
- May be used in bridge deck concrete to extend the time of set. This is especially important when the length of placement may result in flexural cracks created by dead load deflections during placement.
- To provide improved durability by increasing ultimate strengths and reducing concrete permeability
- Suitable for high strength of concrete.

ADVANTAGES

- Controlled retardation extends working life and stiffening time for ease of construction.
- Control of stiffening improves slip forming and assists in preventing the formation of cold joints in large pours.
- Water reduction significantly improves compressive strengths at all ages and enhances durability.
- Slight air entrainment improves cohesion in mixes with poorly graded sands or a lack of fine material, minimizing bleed and segregation.
- Minimizes transportation delay problems and maintains ease of pouring and reduces the risk of pump blockage
- Allows specified strength grades to be met at reduced cement content or increased workability.
- Chloride free, safe for reinforcement bars allowing use in prestressed and reinforced concrete.

TECHNICAL DATA

Property	Value
Appearance	Brown solution
Specific Gravity	1.19
Chloride Content	Nil
Dispersion	Instantly disperses in water
Hydration	Delays hydration of the cement
Fire Hazardous	Water based-nonflammable.

STORAGE

SUPER 808 Admixture is supplied in 30, 200 210 and 1000 litre Packing.

HEALTH & SAFETY

- Do not swallow SUPER 808 Admixture. If accidentally swallowed, do not induce vomiting and seek medical advice immediately.
- Do not allow to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn.
- Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

STORAGE

When SUPER 808 Admixture is stored under shade within an ambient temperature range of 10°C - 35°C. The shelf life of the product is 09 months.

DOSAGE

Dosage under a particular situation can vary between 500 ml per 50 Kg cement bag in normal conditions. Please take final advise from Technical staff at Building Comforts.

The following data may be found useful by the end user, but it is highly recommended that on site trails are conducted prior to use of the product

1. The level of retardation obtained may be varied by altering the dosage of SUPER 808 Admixture used, which will also alter the level of water reduction obtained.

2. Retardation is also affected by products and factors other than the admixture, depending on the mix details and conditions involved. Products include the type of cement, aggregate, sand and water. Major factors which will effect retardation are the dosage, high temperatures, changing in cement content, amount of tri-calcium in the cement and the use of combination of admixtures in the same concrete mix.

3. SUPER 808 Admixture is suitable for use with all types of Portland and Sulphate Resisting cements.

4. The correct quantity of admixture should be measured and be added to the concrete with the mixing water.

5. Do not overdose. Over dosing may have surfers effects on the final strength of hardened concrete.

Whilst the information and/or specifications given are, to the best of our knowledge, true and accurate, no warranty is given or implied in any connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use and labour involved are beyond our control. Deviations are possible when delivery takes place. Given that recommendations may differ from those shown in this leaflet written confirmation should be sought. it is hte responsibility of the purchaser to ensure they have the latest leaflet issue and that its contents are current. Our customer service staff will be glad to provide assistance at any time. We appreciate the interest you have shown in our products. This technical data sheet supercedes previously issued information.

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