



# High Tech NxT Plast H 808

**High Tech NxT Plast H 808** is a high range water reducing superplasticizer designed to produce concrete with high strength, high durability and excellent workability.

It is specially formulated to provide superior performance, increase workability and durability of concrete. **High Tech NxT Plast H 808** reduces water demand, extended setting time and longer workability. Ideal for all general concrete and reinforced concrete constructions.

## ADVANTAGES

- ✓ Reduces water demand.
- ✓ Extended setting time and longer workability.
- ✓ Increases ultimate and early compressive strength.
- ✓ Improves durability & surface finish.
- ✓ Improves pumpability & flow properties of concrete.
- ✓ Improves slump retention.
- ✓ Reduces shrinkage and cold joints.
- ✓ Chloride free, safe for steel reinforcement.

## TYPICAL PROPERTIES AT 25°C

|                                    |                              |
|------------------------------------|------------------------------|
| Appearance                         | Dark brown liquid            |
| Color                              | Dark Brown                   |
| Chloride content to BS5075 : Part3 | Nil                          |
| Specific Gravity                   | 1.10 ± 0.02                  |
| pH Value                           | 6.0 – 8.0                    |
| Air Entrainment                    | ≤ 2 %                        |
| Dosage Range                       | 0.5 – 2.5 % by wt. of cement |
| Shelf Life                         | 12 Months                    |

*\*Typical results under laboratory conditions*



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 03007888881





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## MIXING

Add **High Tech NxT Plast H 808** to the gauging water or to the on-site mixer after the concrete has been batched. Mix for minimum 2 – 3 minutes to achieve uniform dispersion. Do not add more water once the mix starts to set. Mix only that quantity which can be used within 1 – 1.5 hours.

## APPLICATION

**High Tech NxT Plast H 808** is suitable for all types of concrete where high workability and high early and ultimate strengths are required. It is ideal for ready mix concrete, precast concrete, continuous concreting, slender sections, heavily reinforced concrete and concrete placed in hot weather. Recommended dosage is 0.5 – 2.5 % by weight of cement depending upon the type of cement, mix design and desired workability. Trial mixes are recommended to determine the optimum dosage.

## CURING

Proper curing is essential to achieve the desired performance. Cure the concrete by ponding, wet Hessian or curing compound immediately after finishing and continue for at least 7 days.

## COVERAGE

The dosage range is 0.5 – 2.5 % by weight of cement. Actual dosage depends on mix design, materials and required workability.

## SHELF LIFE

12 months from the date of manufacture when stored in original sealed packing in a dry and cool place. Extreme temperature / humidity may reduce shelf life.

## PACK SIZE

**High Tech NxT Plast H 808** is available in the following pack size.

**210 Litre Drum**

**30 KG Drum**



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## PACKAGING

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| PACK SIZE      | PACKAGING  |
|----------------|------------|
| 210 Litre Drum | Metal Drum |
| 30 KG Drum     | Metal Drum |

## NOTE:

- If printed packaging not available, neutral packaging with label.

Lot number and manufacturing date to be stamped at the back of each drum.



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