



High Tech NxT Plast H 909



High Tech NxT Plast H 909 is a high range water reducing superplasticizer designed to produce concrete with high slump and workability along with high strength.

It is specially formulated to provide superior performance, increase workability and durability of concrete. High Tech NxT Plast H 909 ensures excellent dispersion, reduced permeability and improved finish. Ideal for all general concrete and reinforced concrete constructions.

ADVANTAGES

- ✓ Designed to obtain maximum concrete with slump of at least 230mm.
- ✓ Water segregation.
- ✓ Reduces water demand while increasing workability, durability & impermeability.
- ✓ High early & ultimate strength development.
- ✓ Excellent dispersion of cement particles.
- ✓ Reduces compaction of concrete mix thereby saving cement.
- ✓ Improves reduction of capillary shrinkage.
- ✓ Improves pumpability & flowability.
- ✓ Improves durability & surface finish.
- ✓ Reduces the incidence of honeycombing and cold joints during vibration.

TYPICAL PROPERTIES AT 25°C

Appearance	Dark Brown Liquid
Color	Dark Brown
Specific Gravity	1.10 ± 0.02
pH Value	6.0 – 8.0
Air Entrainment	≤ 2 %
Dosage Range	0.8 – 1.8 % by wt. of cement
Shelf Life	12 Months

**Typical results under laboratory conditions*



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🌐 <https://hightechchemicals.com/>



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MIXING

Add **High Tech NxT Plast H 909** to the gauging water or to the concrete 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 909 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 0.8 – 1.8 % 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 0.8 – 1.8 % 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 packaging in a dry and cool place. Extreme temperature / humidity may reduce shelf life.

PACK SIZE

High Tech NxT Plast H 909 is available in the following pack size.

PACK SIZE	PACKAGING
210 Litre Drum	Bulk
30 KG Drum	Bulk





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STORAGE

Store in a cool, dry place away from direct sunlight and frost.

Keep the container tightly closed when not in use.

Do not store in metal containers.

COMPATIBILITY

High Tech NxT Plast H 909 is compatible with all types of Portland cement including OPC, PPC and PSC.

It can be used with other High Tech chemical admixtures.

NOTE:

- This product is non-hazardous.
- Avoid contact with eyes and prolonged contact with skin.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice if irritation persists.
- Keep out of reach of children.

NOTE: If printed packaging not available, neutral packaging with label.
Lot number and manufacturing date to be stamped at the back of each drum.



High Tech

TECHNICAL DATA SHEET



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