



FINEST INNOVATION AND EXPERTISE

FINEXADMIX HP3250

HIGH-PERFORMANCE SUPER PLASTICISER BASED CONCRETE ADMIXTURE

DESCRIPTION

FinexAdmix HP3250 is an advanced concrete admixture designed to significantly enhance the performance and durability of concrete. Utilizing innovative technology, this product is tailored for modern construction demands, offering superior workability and strength to concrete structures. Ideal for a wide range of applications, including high-strength precast and pre-stressed concrete, FinexAdmix HP3250 ensures exceptional concrete quality even in challenging conditions. Its unique formulation promotes efficient dispersion, reduced water requirements, and improved cohesion, making it a preferred choice for high-performance concrete projects.

FinexAdmix HP 3250 is free of chlorides and meets the requirements of BS EN 934-2, IS 9103 and ASTM C494 type F. It is incompatible with Plastobuild ES. (Polynaphthalene based admixtures).
FinexAdmix

RECOMMENDED TO USE

- **Rheodynamic Concrete:** Ensures fluidity and stability for easy placement.
- **Durable High-Performance Concrete:** Ideal for environments demanding long-term durability.
- **High Early and Ultimate Strength Concrete:** Accelerates strength development, suitable for load-bearing structures.

- **High Workability Concrete:** Maintains cohesiveness without segregation or bleeding, perfect for detailed work.
- **Precast & Pre-stressed Concrete:** Enhances strength and durability in preformed elements.
- **Concrete with Pozzolans:** Effective in mixes with microsilica, GGBFS, PFA, and high-volume fly ash, improving mechanical properties and longevity.

FEATURES AND BENEFITS

- **Labor Efficiency:** Reduces need for vibration and labor in concrete placement.
- **Strength Gains:** Significantly increases early and ultimate strength.
- **Improved Adhesion:** Better bonding with reinforcing and stressing steel.
- **Enhanced Durability:** Superior resistance to carbonation and atmospheric conditions.
- **Reduced Permeability:** Increases durability with lower permeability.
- **Stability:** Minimizes shrinkage and creep, maintaining concrete integrity.

PROPERTIES

Supply form	Turbid Liquid
Colour	Light yellow to slight brown
Specific gravity	1.06 ± 0.02 @ 25 °C
PH value	≥ 6.0 @ 25 °C
Water soluble Chloride content	≤ 0.10 % (w/w)

DOSAGE

Recommended Dosage Range: Typically between 0.5 L to 1.6 L by weight of 100 kg of cementitious material. Adjust based on specific project requirements and concrete composition.

Trial Mixes: Essential to determine the optimal dosage for desired concrete properties.

Adjust for Specific Applications: Modify dosage for unique requirements such as high strength or environmental conditions.

Avoid Overdosage: Excessive use may affect concrete properties, like setting time and strength.

Ensure even distribution of FinexAdmix HP3250 in the concrete mix for best results.

APPLICATION

Preparation: Ready-to-use liquid, added along with the concrete's mixing water.

Optimal Timing: Best effectiveness when introduced to damp concrete after 50-70% of the mixing water is in.

Avoid Adding to Dry Mix: Should not be mixed directly into dry aggregate or cement.

Dispensing Method: Manual or through automatic dispensers.

Essential Mixing: Ensure thorough mixing for at least 60 seconds in forced action mixers after adding FinexAdmix HP 3250.

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Revision - 01

PACKAGING

Available in 205L (217.3 kg) drums and 1000L (1060 kg) IBC's

STORAGE / SHELF LIFE

FinexAdmix HP 3250 has a minimum shelf life of 12 months and must be stored in a place where the temperature is not below +5°C. Store under cover, out of direct sunlight and protect from extremes of temperature

PRECAUTIONS

Please obtain the Material Safety Data Sheet (MSDS) of the product from the Finex head office in order to get health and safety information.

NOTE

This product is manufactured and distributed by Finex engineering (Pvt) Ltd, Sri Lanka.

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