



ULTRA BOND CONCRETE SUPER PLASTICIZER EX 404
PCE BASED SUPER PLASTICIZING ADMIXTURE



DESCRIPTION

Ultra bond EX 404 is a super plasticizing, high water reducing PCE based concrete admixture for low and high grade concrete. Intended for applications where high water reduction and long work-ability retention's are required.

USAGE AREAS

Super Plasticizing admixture with concrete for:

- ready mix concrete.
- High workability concrete.
- Precast concrete.

FEATURES & BENEFITS

- Liquid form, easily dispersible & compatible with concrete/mortar mixes.
- Extremely high-water reduction, resulting in high density, high strength and reduced permeability for water.
- Excellent plasticizing effect, resulting in improved flow-ability, placing and compacting behaviour.
- Reduces shrinkage crack development in plaster & concrete.
- Compatible with all type of cement.

TECHNICAL SPECIFICATION

Appearance	Free Flowing Liquid
Colour	Slightly Reddish
Specific Gravity	1.05±0.02
pH	9-10

Note: Test results are indicative as per test method specified in standard. Test result may vary as per substrate, site condition & testing machine etc. Actual field performance will depend on installation method and site condition.

MIXING INSTRUCTIONS

DOSAGE

The dosage of EX 404 is 0.5 to 1.5 % by weight of cement. Charge all concrete material in the proper order into the mixer with about 85% of the mixing water and mix for appropriate time. Add rest quantity of water with EX 404 admixture to obtain the required slump and mix for additional 2 - 3 minutes.

NOTE: OVER DOSAGE MAY CAUSE DELAY IN SETTING TIME OF CONCRETE.

PACKAGING

5 Litre, 20 Litre, 200 Litre.

HEALTH & SAFETY

Avoid contact with eyes or prolonged contact with skin. It is recommended to use rubber hand gloves & safety goggles. In case of contact with eyes or skin, rinse immediately with plenty of clean water and seek medical advice. Keep out of reach of children.

SHELF LIFE & STORAGE

Shelf life is 12 months from the date of manufacturing. Store in a cool & dry place in unopened condition (Prevent from direct sunlight).

PRECAUTIONS & LIMITATIONS

Do not add EX 404 directly to dry cement & aggregate mix. Maintain water-cement ratio as low as possible. Do not increase the dosage of EX 404 than the recommendation.

For detailed material safety data sheet please contact the manufacturer

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