

Product Information



PICO SUPER FLOW

(HIGH RANGE WATER REDUCING ADMIXTURE AND PUMPING AID)

DESCRIPTION :

PICO SUPER FLOW is a high range water reducing admixture containing synthetic polymelamine and polynaphthalein sulphonate and a viscosity modifying agent (VMA) to impart rheoplastic quality to concrete. It is capable to reduce 15 to 25 percent unit water content in a concrete Mix to produce a coherent water tight concrete with high mechanical strength and superior durability.

TYPICAL APPLICATION :

PICO SUPER FLOW is suitable for all applications of concrete, shotcrete, or mortar where very high flowability (without segregation of aggregates), final strengths and durability are called for.

- ❖ Wet shotcrete (Spray concrete)
- ❖ Pumped concrete
- ❖ Concrete with deficient grading or low fines content.
- ❖ Casting in hot climates.
- ❖ Long distance transportation.

ADVANTAGES :

This admixture improves performance of fresh as well as hardened concrete.

- ❖ Improves pumpability with low cement content and lack of fines, thus making the workability more independent of the grading of the aggregates.
- ❖ Improves Rheology (self compacting concrete)
- ❖ Achieves higher slump than ordinary superplasticisers based on modified lingo sulphonates or combination thereof.
- ❖ Long workability and good slump retention upto 1 ½ hour at + 25°C and for 1 hour at + 40°C; for prolonged slump retention dosage may be little higher than recommended.
- ❖ Improved sprayability and minimum rebound in wet shotcrete due to specific VMA incorporated in formulation.

A trusted name in Construction Chemicals