



MegaFlow P

Water Reducing and Plasticising Admixture

DESCRIPTION **MegaFlow P** is a liquid, concrete plasticiser based on selected refined lignosulphonates and other key additives. When added to the concrete mix, it disperses the fine cement particles in the concrete mix and improves the workability.

STANDARD ASTM C 494 Type A, BSEN 934-2

USES **MegaFlow P** can be used to produce pumpable and dense concrete. It is used in both ready-mix as well as site batched concrete to produce cohesive and waterproof concrete.

ADVANTAGES

- Water reduction significantly improves co
- Enhances durability through the production of low permeability concrete
- Effective in achieving cement reduction
- Good workability, better surface finish
- Chloride free, safe for use in prestressed and reinforced concrete
- Minimises the risk of segregation and bleeding

TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE
Component	-	Single
Form	-	Liquid
Colour	-	Dark Brown
Specific Gravity	ASTM C 494	1.16 +/- 0.02
Air Entrainment	ASTM C231	Up to 2% over control mix
Chloride Content	BSEN 480-10	Nil to BSEN 934-2
pH	ASTM C494	7-9

COMPATIBILITY **MegaFlow P** can be used with all types of cements and cementitious material like fly ash, GGBS, microsilica etc. **MegaFlow P** should not be premixed with other admixtures.

DOSAGE Recommended dosage is 0.2-1.5% by weight of cementitious material. Optimum dosage can be used after verification by conducting lab and site trials.

EFFECT OF OVERDOSING Overdosing may result in higher workability and can delay in setting time. In such case, stripping time of formwork should be extended. Ultimate strength will be higher than the regular set concrete. Effects of overdosing are increased when sulphate resistant cement is used in concrete mixes.

PACK SIZE 20 ltr, 200 ltr, 1000 ltr and Bulk.



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DISPENSING **MegaFlow P** should be directly dispensed into the concrete mixer together with the mixing water.

GENERAL INFORMATION

Shelf Life	12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature / humidity may reduce shelf life.
Cleaning	Clean all equipment and tools with water immediately after use.

HEALTH and SAFETY

PPE's	Gloves, goggles and suitable mask must be worn.
Precautions	Contact with skin, eyes etc. must be avoided. If swallowed seek medical attention immediately.
Hazard	Regarded as non-hazardous for transportation.
Disposal	Do not reuse containers. To be disposed off as per local rules and regulations.
Additional Information	Refer MSDS. (Available on request)

TECHNICAL SERVICE **CONMIX Technical Services** are available on request for onsite support to assist in the correct use of its products.



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