



MegaFlow PB

Plasticiser for Paver and Masonry Blocks

DESCRIPTION **MegaFlow PB** is liquid water reducing mortar plasticizer, based on selected refined lignosulphonates and other key additives. It improves the cohesiveness of wet and semi dry concrete use for blocks, paving tiles, etc.

STANDARDS ASTM C494 Type A, BSEN 934-2

USES **MegaFlow PB** is designed for use with semi dry mortar mixes. **MegaFlow PB** is used in the production of blocks and interlocking tiles. Other applications include paving slabs and bricks in the precast industry, etc.

ADVANTAGES

- Increased cohesion in semi dry mixes
- Water reduction significantly improves compressive strength at early ages
- Reduces permeability in mortars and enhances durability
- Effective in achieving cement reduction
- Increases pigment distribution and enhances colour
- Chloride free, safe for use in reinforced mortars
- Minimises the risk of segregation and bleeding
- Minimises “edge breaking” phenomena
- Facilitates faster and smoother operations of precast machinery

TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE
Component	-	Single
Form	-	Liquid
Colour	-	Brown
Specific Gravity	ASTM C494	1.11 kg/ltr +/- 0.02
Air Entrainment	-	Up to 1% over Control Mix
Chloride Content	BS 5075	Nil

COMPATIBILITY **MegaFlow PB** can be used with all types of cements and cementitious material like fly ash, GGBS, micro silica, etc. **MegaFlow PB** should not be pre mixed with other admixtures.

DOSAGE The normal dosage range is 0.4 to 1.0 ltr/100 kg of cementitious material. The optimum dosage of **MegaFlow PB** to meet specific requirements should always be determined by trials using the actual materials and conditions that will be experienced in use.

EFFECT OF OVERDOSING Overdosing may result in higher workability and delay in setting. If intentionally or accidentally increased above the recommended limit, ensure that the stripping time



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of formwork is extended accordingly. In such cases, however, provided the concrete is properly cured, the ultimate strength will generally be higher.

The effects of over dosing are increased when sulphate resistant cement is used in the concrete mixes because of the chemical nature of the cement as compared to that of OPC.

PACK SIZE	20 ltr, 200 ltr, 1000 ltr and Bulk.	
DISPENSING	MegaFlow PB should be directly dispensed into the concrete mixer together with 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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