



## MR. EXPERT NORMAL WATER REDUCING CEMENT ADMIXTURE

### DATA SHEET

#### Description:

Mr. Expert is lignosulphonate base water reducing cement/concrete admixture. The water reduction by Mr. Expert is typically 8 to 12%.

**Uses:** Mr. Expert is used as normal water reducing cement admixture. It is used for architectural concrete, general purpose ready mix concrete, concrete containing fly ash. The uses are unlimited.

#### Characteristics

- Lignosulphonate base product.
- Excellent plasticizing properties
- High early and final strength providing strong R.C.C. bond making and corrosion resistant agent.
- Excellent waterproofing properties.
- Very low sulphate and chloride contains.
- Offers good strength to construction.

#### Benefits:

- Reduces the water contents by 8 to 12%.
- Decreases the concrete porosity.
- increases the concrete strength as less water is required for the concrete mixture to remain workable
- reduces the diffusivity of aggressive agents in the concrete and so improves the durability of concrete
- Offers excellent finish to surface.
- Speed up the hydration (hardening) of the concrete.
- Mr. Expert (water-reducing admixtures) increase the workability of plastic or "fresh" concrete, allowing it be placed more easily, with less consolidating effort.
- Improve pump ability, thicken the paste, and reduce dewatering – the tendency .
- Makes concrete and plaster remarkable.
- Provides resistance to sewage water, sea water, acid rains, salty atmosphere etc.
- Highly economical.

#### Dosage:

Normal dose of Mr. Expert is 100 ml/ 50 kg cement. Do not add Mr. Expert directly in to cement. When mixing with water is not possible pour Mr. Expert in to the feeder. Overdose may result in retardant.

#### Physical Properties:

Form	:	Brown liquid
Chloride content	:	Max. 0.08%
Sulphate content	:	Max 0.08%
PH	:	10
Specific gravity	:	1.15

#### Compatibility:

Mr. Expert is compatible with all grades of cement, flyash. It is compatible with other admixtures. But each admixture must be dispensed separately.

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