

REAL FLOW 600 RF 600

REAL FLOW 600, a high-range water-reducing admixture that meets or exceeds the requirements of ASTM C494 Type A and Type F, AS 1478 and BS 5075 specifications.

General Description

REAL FLOW 600 is a non-retarding, high range water reducing admixture for concrete. It contains modified naphthalene sulphonate polymers. It can be added to the concrete at the job site or at the ready-mix concrete plant for maximum ease of use. No chlorides are used in its formulation; consequently, it is recommended for pre-stressed concrete. It is also compatible with air-entraining agents, waterproofing agents and many other admixtures. However, each material should be added to the concrete separately. **REAL FLOW 600** can produce highly fluid, self-levelling concrete requiring little compaction during placing. With a high-water reduction capability, **REAL FLOW 600** reduces permeability and accelerates early strength gain.

Recommended For

- Pumped concrete
- Slender structures
- Precast and pre-stressed concrete
- Structures with congested reinforcements
- Early removal of formwork for faster turnover

Advantages / Benefits

- Increases workability and cohesion, aids pumping by reducing line friction
- Reduces water requirement thereby reduces porosity and permeability
- Reduces segregation and gives improved surface finish
- Substantial cement savings are possible without strength or workability loss
- When used as a superplasticizer, little or no compaction needed
- High slump, flowable concrete
- High performance concrete
- Low water/cement ratio concrete

Recommended Dosage

The optimum dosage should be determined by site trials with the particular raw materials. As a guide, the dosage rate is normally in the range of: -

- | | |
|--------------------------|--|
| - flowing concrete | - 0.6 litres to 1.4 litres per 100kg of cement |
| - high strength concrete | - 1.4 litres to 2.0 litres per 100kg of cement |

Effects Of Overdosing

An overdose of double the recommended rate of **REAL FLOW 600** will result in significant retardation. When overdosing occurs, it is important to maintain adequate curing so that the ultimate strength of the concrete will not be adversely affected but will increase ultimately.

Packaging

REAL FLOW 600 is supplied in bulk by tanker and sealed 205 litres drum.

Storage / Shelf Life

REAL FLOW 600 can be stored for 6 months in tank and 1 year in tightly sealed original drum.

Dispensing

REAL POINT SDN BHD will supply and install a complete line of electrically-operated automatic dispensing equipment. Our technical department can assist with recommendations on suitable dispensing equipment and installation to meet a unique job site conditions.

Health and Safety Precaution

Inhalation

In case of discomfort, move to a ventilated area.

Skin Contact

Flush skin thoroughly with water.

Eye Contact

Flush eyes with water and carefully rinse under eyelids. If irritation persists, consult a physician.

Ingestion

Immediately rinse mouth with water. Do not induce vomiting. If conditions worsen, consult a physician immediately.



STATEMENT OF RESPONSIBILITY

The technical information and application advice given above are based on the present state of our best scientific and practical knowledge. As the information above is of a general nature, no assumption can be made as to the suitability of the product for a particular application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of the product for their intended use.

Field service where provided, does not constitute supervisory responsibility. The owner, engineer or contractor may reject or modify any suggestions made by REAL POINT SDN BHD either orally or in writing since ultimately it is their responsibility and not REAL POINT SDN BHD for carrying out procedures appropriate to a specific application.

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