

REAL FLOW 610 **RF 610**

REAL FLOW 610, a high-range water-reducing and strength-accelerating admixture for concrete that complies with ASTM C494 Type A and Type F, AS 1478 and BS 5075 specifications.

General Description

The dispersing and fluidifying properties of **REAL FLOW 610** inhibits the natural agglomeration of cement particles in water to a degree of repellency not achievable by conventional admixtures. The improved dispersion of cement particles increases cohesion, both in the flowing and plastic consistency. This increase in cohesion minimizes segregation and bleeding in high quality concrete with exceptional high early and ultimate strength.

REAL FLOW 610 is formulated from a blend of modified sulphonated naphthalene that gives a substantially longer working life than melamine-based superplasticizer and it does not contain calcium chloride.

Recommended For

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

Advantages / Benefits

- High workability without segregation
- Improves cohesion and reduces bleeding
- Minimal compaction
- Improves pumpability
- Increases compressive and flexural strength at one day
- Reduces permeability
- Normal set without retardation

Recommended Dosage

REAL FLOW 610 is recommended at a typical dosage rate of 500ml - 1,400ml per 100kg of cement for most concrete mixes containing average concrete ingredients. The dosage rate can be modified to fit variations in cement, aggregate or job conditions or where special performance characteristics are required.

REAL POINT SDN BHD recommends that special mix designs with dosage rates outside recommended rate, be developed in consultation with our representative to achieve specified requirements.

At the recommended dosage rate of **REAL FLOW 610** does not affect the setting time of the concrete but at a higher dosage, slight retardation may occur.

Effects Of Overdosing

An overdose of double the recommended rate of **REAL FLOW 610** 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 610 is supplied in bulk by tanker and sealed 205 litres drum.

Storage / Shelf Life

REAL FLOW 610 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.

REAL POINT SDN BHD (412492-U)

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