

REAL SET 230 RS 230

REAL PLAS 230, a water-reducing set-retarding admixture for improving concrete that complies with ASTM C494 Type A, Type B and Type D, AS 1478 and BS 5075 specifications.

General Description

The dynamics of cement hydration generates high temperature that affects the rate of hardening and ultimately the placing, finishing and compressive strength of concrete. At high temperatures, concrete hardens rapidly and placing and finishing is adversely affected. The addition of **REAL SET 230** is to offset the accelerating and damaging effects of rapid hardening concrete. **REAL SET 230** delays and controls the setting time of concrete through hydration control of the tri-calcium silicate phase of cement. The retardation effect extends the plastic characteristics of concrete for enhanced workability and economy in placement.

REAL SET 230 is formulated from a selected highly purified lignosulphonate and it does not contain calcium chloride.

Recommended For

- Slip forming
- Pumped concrete
- Ready mixed concrete
- Precast and pre-stressed concrete
- Mass concrete placement in single pour
- Concrete where extended setting characteristics are required

Advantages/Benefits

- Increases workability
- Better finishes for flatwork and cast surface
- Greater pumpability
- Reduces segregation
- Increases compressive and flexural strength
- Improves slump retention
- Economical to use

Recommended Dosage

REAL SET 230 is recommended at a typical dosage rate of 300ml \pm 50ml 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.

Effects of Overdosing

An overdose of double the recommended rate of **REAL SET 230** 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 SET 230 is supplied in bulk by tanker and sealed 205 litres drum.

Storage / Shelf Life

REAL SET 230 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 condition 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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