

Art. No. 743

TRICOSAL MULTIFLUID



Superplasticiser, high range water reducing and accelerating admixture for high early strengths
Test Mark: Z - 3.28 - 1044; ASTM C 494 Type A & F

Description

TRICOSAL MULTIFLUID is a chloride free, superplasticising admixture based on Naphthalene Sulphonate polymers.

Applications

TRICOSAL MULTIFLUID is specially developed for high workable and flowable concrete giving high early strengths which gives the following outstanding advantages.

(a) For Prefabricated Concrete

- reduction of the W/C factor
- resulting : less gauging water
- considerable higher early strength
- increased final strength
- improved waterproofness
- shorter formwork releasing therefore the shutters can be used more often

(b) For Structural Concrete

- Excellent flowability
- Considerably reduced vibration time
- Enables efficient concrete placement
- Makes concrete fully economical

Uses

- Concrete panels
- Sandwich panels
- Prestressed / Prefab concrete elements
- Projects with shorttime limits i.e. early stresses, fast formwork releasing
- Where ever high flowable concrete is required

Benefits

TRICOSAL MULTIFLUID can be used to produce flowing concrete at site using ready mix trucks. TRICOSAL MULTIFLUID can be added directly into concrete via the feed hopper of the truck a few minutes before placing.

Characteristics and Mode of Action

TRICOSAL MULTIFLUID makes for a strong plasticising and dispersing effect on the cement and aggregate particles even at low dosage rates. The action of the cement is thus more effective and the wetting of aggregates is improved which makes the concrete significantly more homogenous. The tendency of segregation and bleeding is strongly reduced.

Dosage and use

The dosage of TRICOSAL MULTIFLUID is between 250 cc - 500 cc per 50 Kg. of cement. In special cases and after consulting our Field Engineers the dosage may be increased upto 750 cc per 50 Kg. of cement where exceptional high strength is required.

Best results are obtained when added to the mix as the last component and when atleast mixed for additional 1 minute.

Technical Data

Form:	liquid
Colour:	dark brown
Specific gravity:	1.10
Freezing point:	approx. -1 C.
pH value:	7.5 ± 1
Storage:	protect from frost and excessive heat. Keep containers closed
Chloride content:	Nil
Nitrate content:	Nil
Air entrainment:	< 2 %
Packaging:	210 ltr drum
Physiological effects:	may irritate skin and eyes
Shelf life:	1 year in closed containers at 20 deg C

Health & Safety

TRICOSAL MULTIFLUID is not a fire or health hazard. It is mildly alkaline. Avoid prolonged contact with the skin. Splashes to the skin should be washed with water. In case of contact with eyes immediately flush with cold water and seek medical advice.

Product of:

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