

Struplast VM750P

Struplast® VM750P

Powder Viscosity Modifier Admixture

Uses

- Concrete containing “gap-graded” aggregates
- Lean concrete mixtures
- Concrete as a pumping aid
- Concrete as a finishing aid
- Self-Consolidating Concrete (SCC)
- Self-Consolidating Grout

Advantages

- Controls bleeding
- Reduces segregation, even with highly fluid concrete mixtures
- Enhances pumping and finishing
- Reduces sagging, helping plastic concrete maintain its shape on slopes and arches
- Facilitates production of highly fluid concrete mixtures such as SCC
- Facilitates placement of pervious concrete mixtures
- Superior and predictable in-place concrete properties
- Enhances surface appearance
- Flexibility in mixture proportioning
- Provides concrete stability during transport and placement

Standards compliance

Struplast VM750P conforms with ASTM C 494/C 494M as Type S and Type F.

Description

Struplast VM750P is Based on cellulose powder and developed for producing concrete with enhanced viscosity and controlled rheological properties. Concrete with Struplast VM750P admixture exhibits superior stability, thus increasing resistance to segregation and facilitating placement.

Typical dosage

The optimum dosage of Struplast VM750P to meet specific requirements should always be determined by trials using the materials and conditions that will be experienced in use. The normal dosage range is between 0.6 to 1 kg/100 kg of cementitious material.

Properties

Appearance	White powder
Chloride	Nil to BS5075

Instructions for use

Compatibility:

Struplast VM750P is compatible with other STRUMIX admixtures used in the same concrete mix. All admixtures should be added to the mix separately and must not be mixed together prior to addition. The resultant properties of mixes containing more than one admixture should be assessed by the trial mix procedure recommended on this data sheet Struplast VM750P is suitable for use with all types of Portland cements and cement replacement materials such as PFA, GGBFS and microsilica.

Dispensing:

The correct quantity of Struplast VM750P should be measured by means of a suitably accurate device; and then added to the concrete during the mixing process either by hand, or mechanically.

Curing:

As with all structural concrete and sand : cement mixes, good curing practice should be maintained, particularly in situations where an overdose has occurred. Water spray, wet Hessian or a Struplast VM750P spray applied curing membrane should be used.

Packaging

Struplast VM750P is available in 5 and 20 kg bags.

Storage

Struplast VM750P has a minimum shelf life of 12 months at 35°C if kept in a dry store in the original, unopened packs. The shelf life will be reduced at higher ambient temperatures.

Precautions

Health and safety:

Struplast VM750P does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes.



Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

Fire:

Struplast VM750P is non-flammable.