

# VARAMENT FFT

## SUPERPLASTICISING, HIGH RANGE WATER REDUCING, ACCELERATED HARDENING ADMIXTURE

### DESCRIPTION

**VARAMENT FFT** is a super plasticising admixture based on special synthetic polymers. It specifically recommended for using a manufacture of designer tiles

### ADVANTAGES

**VARAMENT FFT** provides the following benefits:

#### As a super plasticiser:

- ◆ Substantial improvements in workability without
- ◆ Increased water or the risk of segregation.
- ◆ Normal set without retardation,
- ◆ Improved mortar density and surface finish.

#### As a water reducer:

- ◆ Upto 30% water reduction & 40% increase in 28 days strengths are possible.
- ◆ High strengths after 8 hours and double 16 hours
- ◆ Strengths can be obtained.
- ◆ Increases frost and water resistant properties of the mortar because of reduced water contents and low permeability.
- ◆ Extremely high workability, little or no vibration required.
- ◆ Can replace steam curing.
- ◆ Faster mould turns ground.
- ◆ High durability concrete.
- ◆ Ultra-high strength mortar.

### TECHNICAL DATA

<b>Form</b>	: Liquid
<b>Colour</b>	: Colourless to pinkish straw yellow
<b>Specific gravity</b>	: 1.16.
<b>Chloride content</b>	: Nil
<b>Effect, on Setting</b>	: Little effect even after overdosing
<b>Freezing Point</b>	: -5°C
<b>Storage</b>	: Protect from frost
<b>Suitability</b>	: All Portland cements including SRC

### INSTRUCTIONS FOR USE

In order to obtain the best results, **VARAMENT FFT** must be used with specifically designed mixes for the particular requirements of strength, cost saving or flowing mortar. For maximum dispersion, **VARAMENT FFT** should be added with the mixing water. On no account should it be added to the dry cement.

**Dosage:** The optimum dosage for **VARAMENT FFT** should be determined by site trials with the particular mortar mix under prevailing ambient conditions.

0.8 – 1.0 Kgs /50 kg cement, for flowing mortar.

**Overdosing:** An over dose of double the intended amount of **VARAMENT FFT** will result in very high workability and some retardation. The ultimate compressive strength of the mortar will not be impaired if cured properly.

**Curing:** Normal curing methods apply.



**Packaging:** VARAMENT FFT is supplied in 50 kg and 200 kg drums.

**Cleaning:** Spillages of VARAMENT FFT can be removed with water.

**Storage:** VARAMENT FFT should be protected from extremes of temperature. Should the material become frozen, it must be completely thawed and thoroughly mixed before use. VARAMENT FFT has a minimum shelf life of 12 months provided temperature is 5°C to 30°C.

**PRECAUTIONS**

**HEALTH AND SAFETY:**

VARAMENT FFT is non-toxic. Any splashes to the skin should be washed immediately with water. Splashes to the eyes should be washed immediately with water and medical advice should be sought.

**Fire:** VARAMENT FFT is non-flammable.