

# Polycure FT extra

**Eliminate the need for the moist curing of GRC products**



**An all-acrylic polymer curing agent for GRC and other cementitious systems**

## Uses

Polycure FT Extra eliminates the need for the moist curing of GRC products.

By adding Polycure FT Extra to a mix at the recommended dosage, a film is formed within the matrix during the setting and hardening process. The formation of this film significantly reduces permeability and thus lessens the loss of water by evaporation, ensuring that sufficient water is available for complete hydration.

## Dosage

The recommended dosage level for Polycure FT Extra is between 4 and 7kg for 50kg of cement. Polycure FT Extra is an emulsion containing a minimum of 50% solids, so a dosage rate of 5kg per 50kg may also be stated as 5% polymer solids by weight of cement.

## Advantages

- Reduces the quantity of water required
- Easy to dose
- Can be used with additional plasticisers or super plasticisers
- Contains an anti-foaming agent
- Frees up factory space reserved for curing

## Mixing Method & Design

Polycure FT Extra should be added to the mixer after the water has been added and before the cement and sand. The amount of water should be reduced by the amount of water in the polymer and further reductions will be possible because of the plasticising effect of the polymer. Additional plasticisers or super plasticisers can be used and it is recommended that trial mixes are undertaken to assess their compatibility.



*Available in 1000L IBCs  
Supplied by Fibre Technologies International*

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## Product Information

<b>Product Type:</b>	Acrylic Polymer
<b>Compound Type:</b>	Aqueous Thermoplastic Dispersion
<b>Polymer Type:</b>	Acrylic
<b>% Solids:</b>	51% +-1%
<b>Free Monomer Content:</b>	Max. 0.2%
<b>Appearance:</b>	Milky white liquid free from lumps
<b>Odour:</b>	Mild
<b>pH:</b>	4.5 - 5.5 at 25°C
<b>Min. Film Formation Temperature:</b>	11.0°C
<b>Average Polymer Particle Size EPS MICROTAC:</b>	150 - 250nm
<b>UV Resistance:</b>	Good
<b>Alkali Resistance:</b>	Good
<b>Brookfield RVT (SPL20RPM) Viscosity:</b>	50-300 mPa (23°C)
<b>Freeze-Thaw Stability:</b>	Store above 5°C
<b>Specific Gravity:</b>	1.055 at 25°C
<b>Storage &amp; Shelf Life:</b>	One year when stored in dry warehouse conditions (5 - 30°C) - <i>protect from frost</i>

## Technical Support

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