

## TECHNICAL DATA SHEET

# ETHACRYL™ HP 50

Polycarboxylate ether For concrete admixtures

## Polycarboxylate ether

### TYPICAL CHARACTERISTICS

Nature	<b>Aqueous solution of Polycarboxylate Ether</b>
Appearance	<b>Yellow to brownish liquid</b>
Solid Content (%)	<b>50</b>
pH	<b>4</b>
Brookfield viscosity (mPa.s)	<b>800</b>
Specific gravity	<b>1.09</b>

### DESCRIPTION

Ethacryl™ HP 50 shows high efficiency at low dosage in precast with high water reduction ability for high performance applications. It is an easy to formulate versatile dispersant issued from a new generation of polycarboxylate ether. It enables formulation stability at high dosage and productivity increase. Concrete can then be pumped and costs reduced.

### RECOMMENDED ADDITION LEVEL

0.2 to 1.00% in relation to weight of cement

### STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- Bulk

### HANDLING & STORAGE

The product can present colour variations from light yellow to slightly brown. These variations can occur in normal storage conditions. They have no influence on the product performances. The product should be protected from the effects of weathering and stored between 5 and 40°C. In these conditions, this product should be used within 12 months from delivery.

### PROCESSING INSTRUCTIONS

Ethacryl™ is added either, together with mixing water, either delayed in previously wet concrete with a fraction of the mixing water.

### HEALTH AND ENVIRONMENTAL DATA

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

### MARKETS

#### Pulp & Paper

- Coating
  - Paper Coating

#### Building & Construction

- Construction Materials
  - Concrete

### KEY BENEFITS

- Alkali content < 1.5
- Chloride content (%) < 0.01
- Foam control additives No
- Typical use High performance concrete  
Precast concrete Self compacting concrete
- Early strength ●●●●●
- Water reduction ●●●●●
- Workability ●●●●●

**Headquarters: Arkema France**  
51, Esplanade du Général de Gaulle  
92800 Puteaux – France  
T +33 (0)1 49 00 80 80

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