



ETHACRYL™ HP

Polycarboxylate Ether for Concrete Admixtures

Ethacryl™ HP is a high-performance aqueous dispersant designed for use in concrete applications.

Ethacryl™ HP is a key component for formulating concrete admixtures.

It provides fluidity to concrete formulations at substantially reduced water content. Benefits include **increased productivity, lower costs** and **improved concrete properties**.

It has been specifically designed for **High Performance Applications**.

• TYPICAL ANALYSIS

Nature: Aqueous solution of Polycarboxylate Ether

Appearance (20°C): Yellow to brownish liquid

Solids content (%): 40

pH (20°C): 4

Specific gravity (20°C): 1.00

Viscosity (mPa.s): 600

Chloride content (%): < 0.01

Alkali content (Na₂O_{eq}): < 2.5

• ADVANTAGES

Ethacryl™ HP features:

- 🔥 New generation of polycarboxylate ether
- 🔥 High water reduction ability
- 🔥 Effectiveness at low dosage
- 🔥 Easy to formulate

Ethacryl™ HP benefits:

- 🔥 Increases productivity
- 🔥 Reduces costs
- 🔥 Confers good pumpability to concrete

Ethacryl™ HP is a key component for designing concrete admixtures. As a new generation of polycarboxylate ether, **Ethacryl™ HP** enables the formulator to achieve high performance superplasticizing admixtures.

Ethacryl™ HP is fully compatible with the major chemicals and additives used in concrete admixtures.

• APPLICATIONS

Ethacryl™ HP due to its exceptional capacity to control flow of cement is used as a high **water reducing agent**. In standard conditions, in combination with a defoamer, water reduction of 30% is achieved.

Recommendations:

Ethacryl™ HP does not contain defoamers. When a specific level of air entrapment is targeted, formulating **Ethacryl™ HP** together with **Rhealis™ Dfoam** is recommended.

Anti-synergistic effects have been reported when mixing polycarboxylate ethers and polynaphtalene sulfonates.

• STORAGE

Ethacryl™ HP 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.

Ethacryl™ HP should be protected from the effects of weathering and stored between 5 and 40°C.

In these conditions, products should be used within 12 months after delivery.

• STANDARD PACKAGING

- Bulk deliveries
- 1 000 l containers

• HEALTH & ENVIRONMENTAL DATA

Please refer to the Material Safety Data Sheet.

Website: www.coatex.com

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