



ETHACRYL™ GH

Polycarboxylate Ether for Concrete Admixtures

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

Ethacryl™ GH 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 **Ready Mix Concrete.**

• TYPICAL ANALYSIS

Nature: Aqueous solution of Polycarboxylate Ether

Appearance (20°C): Colourless to yellowish liquid

Solids content (%): 40

pH (20°C): 7.1

Specific gravity (20°C): 1.11

Viscosity (mPa.s, 20°C): 280

Chloride content (%): < 0.01

Alkali content (Na₂O_{eq}): < 0.3

• ADVANTAGES

Ethacryl™ GH features:

- 🔥 New generation of polycarboxylate ether
- 🔥 High water reduction ability
- 🔥 Efficiency at low dosage in Ready Mix
- 🔥 Versatile dispersant
- 🔥 Easy to formulate

Ethacryl™ GH benefits:

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

Ethacryl™ GH has been specifically designed for high range water reducing admixtures.

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

• APPLICATIONS

Due to its exceptional dispersing performance, **Ethacryl™ GH** is used as a high **water reducing agent.**

Adding 0.20wt% dry/hydraulic binder of **Ethacryl™ GH** enables to maintain the targeted slump while reducing the water content by 25%.

Ethacryl™ GH particularly suitable for formulating admixtures dedicated to **Ready mix applications**

Recommendations:

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

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

• STORAGE

Ethacryl™ GH can present colour variations from colourless to slightly yellow. These variations can occur in normal storage conditions. They have no influence on the product performances.

Ethacryl™ GH 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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