

Chryso® AdvaFloor 200

High range water reducing Super plasticizing admixture

DESCRIPTION

Chryso® AdvaFloor 200 is a high-range water-reducing admixture specifically developed for concrete floor applications. It is designed to provide a neutral set while delivering significant improvements in finishing characteristics, enabling efficient placement and power-floating operations.

Based on a synthetic carboxylated polymer with a powerful deflocculating action, Chryso® AdvaFloor 200 enhances concrete performance while maintaining consistent and reliable results. The product is manufactured under controlled conditions and conforms to **EN 934-2**.

BENEFITS

- Improves floor finishing efficiency and reduces delays prior to power-floating
- Enhances cohesion and pumping performance
- Enables production of high-slump concrete with excellent workability
- Significantly improves finishing characteristics of plasticised concretes
- Provides a combined superplasticising and finishing-enhancing effect
- Allows high water reduction, leading to increased compressive strength
- Improves concrete impermeability and durability

FIELDS OF APPLICATION

Chryso® AdvaFloor 200 is suitable for:

- Concrete floor slabs
- Industrial and commercial flooring applications
- Ready-mix concrete for floor construction

The product is compatible with most Portland cements and is effective in concretes containing fly ash or ground granulated blastfurnace slag (GGBS).

Chryso® AdvaFloor 200 is compatible with admixtures commonly used in flooring concrete, including:

- Shrinkage-reducing admixtures
- Corrosion inhibitors
- Microfibres
- Air-entraining admixtures

Each admixture must be added separately. The presence of other chemical admixtures may affect performance; consultation with **Chryso Technical Services** is recommended.

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Brown
Lifetime	12 months

METHOD OF USE

Dosage :

Typical dosage range:

- 400 – 1,200 ml per 100 kg of cement**
 - Equivalent to **0.40 – 1.20%** by weight of cement
- As a guide for initial trials, an addition rate of **0.60 – 0.80%** by weight of cement is recommended. Optimum dosage depends on mix design, materials, and site conditions.

Chryso® AdvaFloor 200 is supplied ready for use.

- Add the admixture with part of the batching water after the introduction of cementitious materials
- Following addition, a further mixing cycle of **at least two minutes** is recommended to ensure uniform dispersion

Automatic dispensing equipment is preferred to ensure accurate dosing.

PRECAUTIONS

- Store away from extremes of temperature
- Protect from frost
- Keep containers sealed and out of direct sunlight

SAFETY

For health, safety, and environmental information, refer to the relevant Safety Data Sheet.

Standard chemical handling precautions apply. Avoid contact with skin and eyes. Appropriate personal protective equipment should be worn.

For further information, please refer to the safety data sheet on our internet site www.uk.chryso.com.

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Cl ⁻ Ions content	< 0,100 %
Equivalent Content Na ₂ O	≤ 1,50 %
Specific gravity	1,085
Air Entrainment	1.0-2.0%

PACKAGING

- 15L Container
- Container of 1000L
- Bulk delivery on request

ADDITIONAL INFORMATION

The effects of overdosing depend on the degree of overdose.

- Increased consistence may occur and, at high levels, segregation may be induced
- Extended setting times may occur, particularly in cold conditions or when using sulphate-resisting cements or cement replacement materials

If overdosing is suspected, the concrete should be assessed in its plastic state, with attention to consistency and cohesiveness before use.