

Chryso® Remblai Dose

Foaming agent

DESCRIPTION

Chryso® Remblai Dose is a **foaming aid** specifically formulated for the production of **stable, low-density, controlled-strength backfill concrete**. It promotes the generation of air within the concrete mix to significantly reduce density while maintaining homogeneity and stability.

Chryso® Remblai Dose is designed for applications where **re-excavatability, controlled strength, and high flow** are required. It minimises bleeding and segregation and enables the production of very fluid backfill concrete, reducing noise and disruption associated with traditional backfilling operations.

BENEFITS

- Generates controlled air content to reduce concrete density
- Enables production of low-strength, re-excavatable concrete
- Produces stable, homogeneous low-density mixes
- Minimises bleeding and segregation
- Provides controlled volume increase
- Improves flowability for easy placement
- Suitable for backfill and non-structural applications

FIELDS OF APPLICATION

Chryso® Remblai Dose is suitable for:

- Trench and utility reinstatement
- Cable and pipe bedding and covering
- Void and cavity filling
- Low-density backfill concrete
- Renovation and re-excavatable fill applications

Chryso® Remblai Dose is compatible with:

- All types of cement
- Ground granulated blastfurnace slag (GGBS)

For use with special cements or pulverised fuel ash (PFA), consultation with Chryso Technical Services is recommended.

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Light yellow
Lifetime	18 months
Cl ⁻ ions content	≤ 0,100 %
Equivalent Content Na ₂ O	≤ 3,50 %
Specific gravity	1,040 ± 0,010
pH	5,50 ± 1,00
Dry extract (EN 480-8)	28,20 % ± 1,400

PACKAGING

- 215 L Barrel
- Container of 1000L

METHOD OF USE

Dosage :

Typical dosage range:

- 0.2 – 0.4 litres per m³ of concrete**

Preliminary site trials must be carried out to determine the optimum dosage for density and strength requirements.

Chryso® Remblai Dose must be added **directly into the mixer truck**.

- Typical mixing time: **3–6 minutes**
- As a guide, allow **approximately 1 minute per cubic metre**

When fly ash is used, a slight increase in dosage may be required.

Chryso® Remblai Dose is **not intended for use as a conventional air-entraining admixture in structural concrete**. It is designed exclusively for low-density, controlled-strength backfill applications.

PRECAUTIONS

- Protect from frost.
- Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.

SAFETY

Chryso® Remblai Dose is classified as **irritating**.

Appropriate personal protective equipment should be worn, including gloves, safety glasses, and protective clothing as required. For further information, refer to the relevant **Safety Data Sheet**.

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

TECHNICAL DATA SHEET

Chryso® Remblai Dose

Foaming agent

Chryso
Concrete
Solutions

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The information contained in this document is given to the best of our knowledge and is the result of extensive and controlled testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be conducted before the product is used to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of customers if they require help with the application of the product for their specific needs.

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