

Chryso® Mortair D

Air entraining admixture

DESCRIPTION

Chryso® Mortair D is a liquid air-entraining admixture developed for the production of air-entrained mortars. It is typically used in conjunction with **Chryso® Mortard 79/5 Mortar Retarder** and is formulated to simplify the production of ready-to-use mortars complying with **EN 998**.

The product delivers a stable air-void system and maintains consistent air content across a wide dosage range, helping to achieve predictable mortar properties throughout its usable life. Chryso® Mortair D conforms to **EN 934-3**.

BENEFITS

- Produces a stable air-void system
- Maintains consistent air content throughout the life of the mortar
- Facilitates production of mortars complying with EN 998
- Provides excellent dosage tolerance
- Less sensitive to variations in fine aggregate grading and silt content
- Reduces bleeding
- Improves site acceptance through predictable workability and mortar life
- Supports consistent ready-to-use mortar production

FIELDS OF APPLICATION

Chryso® Mortair D is suitable for:

- Ready-to-use mortars
- Factory-produced mortars
- Air-entrained mortars
- Mortars requiring controlled and consistent air content
- Mortars complying with EN 998

Chryso® Mortair D can be used with:

- Most Portland cements
- Fly ash mortars
- Ground granulated blastfurnace slag (GGBS) mortars

For special cements, consultation with Chryso Technical Services is recommended.

Chryso® Mortair D should not be premixed with other admixtures.

All admixtures should be added separately, as performance may be affected by the presence of other chemical admixtures.

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Dark brown
Cl ⁻ Ions content	< 0,100 %
Equivalent Content Na ₂ O	< 0,03 %
Specific gravity	1,026

METHOD OF USE

Dosage :

Typical dosage range:

- **100–500 ml per 100 kg of cement**
- Equivalent to **0.10–0.50% by weight of cement**

Typical trial dosage:

- **0.18–0.30% by weight of cement**

For mortars containing fly ash, dosage rates may typically be up to twice the range stated above. Preliminary plant trials should always be carried out to determine optimum dosage.

- Supplied ready for use
- Add during mortar mixing at the same time as water or fine aggregate
- Do not add directly onto cement
- With good plant control, highly consistent results can be achieved

The dosage required will depend on:

- Mixing equipment type and efficiency
- Water content
- Fine aggregate grading, type, and content
- Cement and lime type and content
- Temperature

PRECAUTIONS

- Store above 0°C
- Protect from frost
- If frozen, thaw slowly and remix mechanically before use

NORMATIVE AND REGULATORY INFORMATION

Chryso® Mortair D conforms to:

- **EN 934-3**

SAFETY

Refer to the relevant **Safety Data Sheet (SDS)** before use.

For further information, please refer to the safety data sheet on

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PACKAGING

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

ADDITIONAL INFORMATION

Overdosing may result in:

- A modest increase in air content
- Increased workability

The magnitude of the effect will depend on the degree of overdose.

our internet site www.uk.chryso.com.