TECHNICAL DATA SHEET

Chryso Concrete Solutions

24/06/2026

Chryso®Mortard 79-5

Stabilized mortar setting retarder - RT

DESCRIPTION

Chryso®Mortard 79-5 is a liquid mortar retarder designed for **ready-to-use mortars**, particularly **cement:lime:sand mortars**, but equally effective in **cement:sand-only** mixes. It is manufactured using carefully selected raw materials under controlled conditions to ensure product consistency and compliance with **EN 934-3**.

Chryso®Mortard 79-5 provides **controlled set retardation**, enabling flexibility in production and application timelines. Mortars can be retarded for **1–3 days**, allowing batching and delivery schedules to be extended to meet site requirements.

BENEFITS

- Provides **controlled retardation** for production flexibility
- Enables mortar to remain usable for **1–3 days**
- Optimises ready-mixed mortar supply and delivery

FIELDS OF APPLICATION

- Ready-to-use mortars
- Cement:lime:sand mixes
- Cement-only mortars
- Mortars containing fly ash or GGBS

Compatibility with Cements:

- Most **Portland cements**
- Mortars containing **fly ash**
- Mortars containing **ground granulated blastfurnace slag (GGBS)**

For special cement systems, consult technical support.

Compatibility with Admixtures:

- **Do not premix** Chryso®Mortard 79-5 with other admixtures
- Add all admixtures **separately**
- Conduct **plant trials** to confirm dosage

INDICATIVE INFORMATION

Product Nature	Liquid
Color	Amber
Lifetime	12 months
Cl^- Ions content	≤ 0,010 %
Equivalent Content Na_2O	≤ 2,00 %
Specific gravity	1,165
Freezing Point	< -5 °C

METHOD OF USE

Application Instructions

- Add during the mixing process at the same time as water or fine aggregate
- **Do not add directly onto cement**
- No extension to normal mixing time is required
- Dosage depends on:
  - Mixing equipment
  - Water content
  - Fine aggregate grading and type
  - Cement/lime type and content
  - Temperature

Equipment :

- Preferably dispensed via **automatic dosing equipment**
- Dispensing equipment or advice available from technical support

Consumption :

Chryso®Mortard 79-5 is supplied **ready for use.**

- **Range:** 1000–3000 ml per 100 kg cement
- Equivalent to **1.00–3.00% (v/w)** by weight of cement
- Starting point for trials: **1.0–2.0% (v/w)**

PRECAUTIONS

- Store in a **cool, dry place**
- Protect from rain, temperature extremes, and ignition sources

NORMATIVE AND REGULATORY INFORMATION

- This product conforms to UKCA and CE marking.
- **Chryso®Mortard** conforms to BS EN934-3, covering admixtures for masonry mortar.

SAFETY

The information contained in this document is given to the best of our knowledge and is the result of extensive and controlle d t esting. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be con ducted 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.

CHRYSO UK Ltd. - 1 Herald Way, Binley Industrial Estate, Coventry, United Kingdom, CV3

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PACKAGING

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

ADDITIONAL INFORMATION

Severe overdosing may cause:

- Excess retardation
- Prolonged surface “greenness”
- Slow development of intrinsic strength
- Reduced bonding of mortar to brick/blockwork
- Potential desiccation before set

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

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