

Chryso® Cure HPE

Curing Agent
Water based

DESCRIPTION

Chryso® Cure HPE is a **ready-to-use, water-based curing agent** designed for freshly placed concrete, mortars, cement-based coatings, and newly demoulded concrete. It forms a continuous protective film that prevents moisture loss (desiccation), promoting more complete cement hydration. This reduces **early-age cracking** and **drying shrinkage**, while improving **abrasion resistance** after the concrete sets.

The product is **white on application** for clear visual control and becomes **colourless once fully dry**.

FIELDS OF APPLICATION

Chryso® Cure HPE is especially suited to concrete elements requiring controlled curing and moisture retention, including:

- High surface-area concrete components such as **slabs, roads, and highways**
- **Precast walling**
- Any cement-based element at risk of **excessive desiccation**
- Concrete and mortar exposed to adverse drying conditions, including:
 - **High ambient temperatures**
 - **Wind exposure**

INDICATIVE INFORMATION

Product Nature	Liquid
Color	White
Lifetime	9 months
Specific gravity	0,975 ± 0,020
Dry Extract (SYNAD - IFSTTAR)	29,50 % ± 1,40
Afnor Cut Viscosity	30,00 s ± 10,00

PACKAGING

- 5L Container
- 20L Container
- 215 L Barrel

METHOD OF USE

Dosage :

- Standard dosage: **100–200 g/m²**
- Reference dosage: **200 g/m²**
- Product is **ready-to-use** with no dilution required

Application for effective curing performance:

1. Apply **preferably on fresh concrete** to prevent desiccation.
2. Spray an even, uniform film at **100–200 g/m²**, adjusting for surface roughness.
3. Use **two crossed passes** to avoid untreated areas.
4. For trowel finishing assistance:
 - Apply **30–50 g/m²** before finishing
 - After finishing, apply an additional coat if needed
5. Rinse spray equipment with **clean water** before the product dries

PRECAUTIONS

- Homogenise before use.
- Treated surfaces can become slippery when wet. This may cause risk of slips and falls.
- Protect from frost.

If further coatings will be applied later, **Chryso® Cure HPE must be removed** in accordance with technical guidelines.

NORMATIVE AND REGULATORY INFORMATION

- CONF60

SAFETY

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. www.chryso.uk

Saint-Gobain Construction Chemicals UK Ltd. - Saint-Gobain House, East Leake, Loughborough, Leicestershire, United Kingdom, LE12 6JU

TECHNICAL DATA SHEET

Chryso® Cure HPE

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Chryso
Concrete
Solutions

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

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