

# Technical Data - Self Compacting Cure Pro

21/03/2025



## PRODUCT DESCRIPTION

**HATCRETE Self Compacting Cure Pro** is a ready to use water based curing agent for application on fresh concrete, mortars, and other cement based castings and on recently demoulded concrete.

## PURPOSE

By forming a protective film, **HATCRETE Self Compacting Cure Pro** prevents concrete and mortar from drying out too quickly. This enables a more complete hydration of the cement particles and limits early age cracking and plastic shrinkage cracking. Thus giving the treated surface of the concrete, after setting, a better resistance to abrasion. A surface treated with **HATCRETE Self Compacting Cure Pro** is initially white in order to easily identify the coated areas. After drying, the coating is transparent. **HATCRETE Self Compacting Cure Pro** eases trowel finishing and improves the surface finish.

## CHARACTERISTICS

- Nature - Liquid
- Colour - White
- Volume density at 20°C:  $0.975 \pm 0.02 \text{ kg/dm}^3$
- Freezing point 0°C
- Dry extract (halogen) –  $30.8\% \pm 1.5\%$
- Dry extract (4h, EN 480-8):  $29\% \pm 1.45\%$
- Viscosity – Cup ISO 2431 n°3: 20 – 40 s
- Ash content:  $\leq 0.5\%$

## METHOD OF USE

**HATCRETE Self Compacting Cure Pro** is ready to use applying **HATCRETE Self Compacting Cure Pro** must be done preferably on fresh concrete to prevent the concrete from trying out too quickly. Spray **HATCRETE Self Compacting Cure Pro** in a regular, smooth film, using 100 – 200 g/m<sup>2</sup> according to the roughness of the concrete. Spraying two crossed passes will enable to avoid blanks.

## APPLICATION FIELDS

- Curing elements with an important surface/volume ratio
  - Flooring, concrete slabs
  - Road, concrete highway
  - Precast walls
- Curing concrete and mortars subject to important early age desiccation (high temperature, wind)
  - Every cement base element submitted to unacceptable desiccation
- Trowel finishing and smoothing of poured surfaces.

## PACKAGING

- 10 litre drums
- 20 litre drums
- 25 litre drums

## PRECAUTIONS

- Homogenise the product before use.
- Store at temperature above 3°C. The product is sensitive to frost.
- **HATCRETE Self Compacting Cure Pro** must be removed from the concrete surface if an additional coating is to be applied, according to the current technical documents.
- The treated surfaces may become slippery during wet weather conditions. This may cause risk of slips or falls.

Shelf life: 9 months in the original sealed packaging.

## CONFORMITY

**HATCRETE Self Compacting Cure Pro** conforms with technical specifications those applied in the non-harmonised part of the BSEN 934-2.

To ease the trowel finishing and smoothing of the fresh concrete, spray a coat of **HATCRETE Self Compacting Cure Pro** using 30 – 50g/m<sup>2</sup>. After the finishing process, if need be, spray another coat.

Spray equipment must be rinsed with water before the product dries.

## HEALTH & SAFETY

**HATCRETE Self Compacting Cure Pro** is non toxic and non-flammable. The product can normally be applied without a vapor mask or safety glasses. Avoid contact with skin and eyes. Flush affected areas with water. Do not take internally. Refer to Safety Data Sheet for further information.

## TECHNICAL SERVICES

For further information, call our technical dept on:

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## WARRANTY

Pattern Imprinted Concrete Supplies Ltd products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and conditions of Sale, copies of which may be obtained on request. Whilst Pattern Imprinted Concrete Supplies Ltd endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

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