

# CURO MAX

## SOLVENT-FREE CURING PRODUCT CONCRETE AND MORTAR

### 1. PRESENTATION

**CURO MAX** is an aqueous surface curing product formulated with a tracer dye.

**CURO MAX** is designed to protect concrete and mortar from early-age desiccation.

Its application greatly restricts water evaporation on the surface, without which numerous early shrinkage cracks would appear, and the concrete or mortar would have a strong dusting tendency.

**CURO MAX** keeps concrete and mortar wet until they reach 30 to 50% of their strength at 28 days.

### 2. ADVANTAGES

- Retains moisture, thus allowing perfect cement hydration throughout the hardening process.
- Product coloured to highlight the areas which have been treated.
- Does not alter the colour of substrates.
- Does not stain.
- Protects against desiccation (dusting).
- Contains no petroleum solvents: safe to apply in a closed environment.
- Very economical.
- Quick drying (immediate effectiveness).
- Increases compactness and mechanical strength (abrasion resistance, etc.).
- Limits porosity (thus increasing tightness and durability).
- Limits the effects of crazing and cracking.
- The substances used comply with the new European regulation REACH and the directive on VOCs (Volatile Organic Compounds).

### 3. AREAS OF APPLICATION

**CURO MAX** protects all types of concrete or mortar surfaces:

- Unsurfaced concrete paving.
- Concrete paving with surface hardeners.
- Brushed paving.
- Traditional screeds.

### 4. INSTRUCTIONS

#### Implementation:

Shake **CURO MAX** without additives before diluting.

Dilute 1 L of **CURO MAX** for 5 to 10 L of water (adjust according to the weather conditions).

Always apply on fresh concrete or mortar.

Apply **CURO MAX** as a drizzle with a spray (blue nozzle) over the fresh concrete surface.

Keep the spray at a distance of 1 m from the concrete surface.

Ensure the application is even and continuous.

Shake the spray regularly to maintain the homogeneity of the diluted product.

Apply 1 even coat, using neither too little nor too much product, at a rate of 6 to 10 m<sup>2</sup> per litre of solution.

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### Directions:

If bleed water is present, wait for it to evaporate (which is characterised by its matt appearance) in order to improve the adhesion of the film. Do not apply on bleed water (the film would no longer be even and tight) or too late on dry concrete (which would be too porous and absorbing an excessive amount of **CURO MAX**).

### Application:

Application conditions	: Compliant with standard NF P 18 370
Application temperature	: Between +5°C and +35°C (recommended for use in spring and autumn)
Application equipment	: Spray (blue nozzle), airless spray gun
Cleaning of the equipment	: Water (do not allow to dry)
Thinner	: Water

## 5. CHARACTERISTICS

Appearance in container	: Bluish liquid
Film appearance	: Slightly bluish
Density	: $1.01 \pm 0.05 \text{ g.cm}^{-3}$
VOC (Directive 2004/42/EC)	: EU limit value for this product (cat. A/h)*: 30 g/L (2010). This product contains 10g/L maximum.
Yield	: 0.100 to 0.150 L/m <sup>2</sup> of ready to use solution, depending on the porosity and roughness of the substrate : I.e. 6 to 10 m <sup>2</sup> treated per litre of solution prepared I.e. 60 to 100 m <sup>2</sup> per litre of <b>CURO MAX</b> undiluted (for a dilution of 1 + 10)
Shelf life	: 1 year in its unopened original packaging

(For more information, please refer to paragraph 9 of the safety data sheet).

## 6. SAFETY OF USE

- See the product's Safety Data Sheet at [www.quickfds.fr](http://www.quickfds.fr).
- Store away from frost.
- If the heat is too intense or the wind too strong, preferably use **CURO SOLV**.

*The details provided in this Data Sheet are given in good faith, for information purposes only. They shall not in any case constitute a guarantee on our part, or engage our responsibility when using our products. This Data Sheet supersedes all previous versions. Compagnie France Chimie reserves the right to make changes to its products and to this data sheet without prior notice. Our clients shall ensure, before any implementation, that these instructions have not been replaced by a more recent version that takes into account new technical data.*

**Product solely intended for professional use.**

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