

TECHNICAL DATA SHEET - MEMBRANHÄRDARE BRO-CURE RTU

DESCRIPTION

Bro-Cure – Silicate-Based Membrane Hardener for Concrete Surfaces

Bro-Cure is a chemically reactive, silicate-based membrane hardener for concrete surfaces. Upon application, the product penetrates deeply into the concrete and seals the capillaries in the surface. This helps retain moisture within the concrete, significantly reducing the risk of drying and shrinkage cracks.

Bro-Cure reacts chemically with the concrete, forming an integrated protective layer that strengthens and hardens the surface. This layer does not need to be removed, as it fully integrates with the concrete over time. The product can also be overcoated with other materials without requiring prior removal.



PROPERTIES & BENEFITS

- **Leaves no residue or traces** – Does not require mechanical or chemical removal before applying other materials.
- **Maintains adhesion and performance** – Does not impair the adhesion or functionality of subsequent coatings or treatments.
- **Does not alter concrete surface texture** – Penetrates deeply without changing the surface structure, minimizing the slip risk associated with other concrete treatments.
- **Enhanced resistance** – Improves concrete's durability against stains, spills, and chemicals.
- **Strengthens concrete** – Increases both abrasion resistance and compressive strength.
- **Easy application** – Simple to use with no need for specialized equipment.
- **Eco-friendly formula** – Contains no hydrocarbons and meets all VOC regulations.
- **Temporary color indicator** – Includes a red/pink tint that fades over time, making it easy to see where the product has been applied.
- **Also available as a concentrate** – Can be mixed on-site and delivered in various packaging options such as jerry cans, drums, and IBC containers.
- **Certified quality** – Complies with DIN EN 1504-2 for tensile bond strength and does not interfere with the concrete's natural bonding properties.
- **"Green Engineered"** – Designed for improved health and environmental safety.

INSTRUCTIONS & SAFETY INFORMATION

- **Apply after final troweling** – If Bro-Cure is applied before final troweling, it may slightly accelerate curing. For best results, apply only after troweling is completed.
- **Contact with sensitive surfaces** – If spilled on glass, marble-like surfaces, or untreated metals such as aluminum, rinse off immediately with water. The product can permanently etch the surface within an hour.
- **Handling and safety precautions** – Avoid contact with eyes and skin. For detailed safety information, refer to the separate safety data sheet.
- **Frost sensitivity** – Protect from freezing. If Bro-Cure freezes, the packaging may break, and the chemical composition may be compromised, leading to poor performance. Do not use Bro-Cure if it is suspected to have been frozen.
- **Shelf life** – Bro-Cure has a shelf life of 24 months from the production date. The production date is marked on the packaging.
- **Temperature limitations** – Bro-Cure should not be used at temperatures below 4°C.

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IMPORTANT INFORMATION BEFORE USE

- **Read all documentation** – Review all available product information before use. Contact us if you have any questions or if any information is missing.
- **Worksite conditions** – The documentation provides general guidelines. Since each worksite has unique conditions, consumption and results may vary depending on weather, substrate, and surface size. We recommend testing Bro-Cure in the actual environment to optimize application and achieve the best results.
- **Ready to use** – Bro-Cure is ready for use and should not be diluted with water. If using Bro-Cure concentrate, dilute it with 1 part concentrate to 4 parts water.
- **Application method** – For best results, Bro-Cure should be sprayed onto the surface using a form oil sprayer. The sprayer must be clean and free from solvents and oil-based residues. Clean all equipment with water after use.
- **Application and coverage** – Apply Bro-Cure after final troweling.
- **Recommended application rate** - approx. 15 m² per liter.

TECHNICAL INFORMATION

Color	Pink
Freezing point	0 °C
VOC	0 g/liter
DIN EN 1504-2 Bond pull-off strenght (>1,5 N/mm ²)	3,4 N/mm ²
Application rate	15 m ² /liter

Note: The above information applies to pre-mixed/ already diluted Bro-Cure.

RANGE OF ARTICLES

Item.nr	Description	Units/pkg	Units/pallet	Unit
1501004	Membranhärdare Bro-Cure RTU	25	600	Liter
1501027	Bro-Cure Concentrate	1000	-	Liter
1504001	Application Sprayer Mesto 10L	1		Pcs
1504020	Application Sprayer Silica Slayer 15L Battery-driven backpack sprayer	1		Pcs
1658300	Work Glove Hydratec Size 10	12		Pair
1658301	Work Glove Hydratec Size 11	12		Pair

PACKAGING

Standard packaging is 25-liter plastic jerry cans, but other sizes are available upon request.

STORAGE

Storage: Store frost-free at a temperature between 4°C and 38°C in the original packaging.

Shelf life: 2 years from the mixing date.

Labeling: The mixing date is marked on the cap of the plastic jerry

SAFETY DATA SHEET

The current safety data sheet is available for download on our website: www.hydratec.se

For any inquiries, please contact us

Email: info@hydratec.se

Phone: +46 10-585 21 00



Scan the QR code to go directly to the product landing page on our website.

ÖVRIGT



BVB ID
50272



The product is listed in the Nordic Ecolabelling Building Product Portal and is approved for use in Nordic Ecolabeled buildings.