MC-RIM PROTECT-C

High-performance curing agent

Product Properties

- Ready-for-use, water-based wax dispersion
- Film-forming, transparent when dried
- Barrier coefficient > 90 %
- Application by brush, roller or spraying
- Affects a good strength development
- Alternative to standard curing methods
- Effective curing agent

Areas of Application

- Curing of MC-RIM PROTECT, MC-RIM PROTECT-MR and MC-RIM PROTECT-H
- Curing of cement-bound building materials
- Must not be used in potable water reservoirs

Application

General Information
Though MC-RIM PROTECT-C was especially developed for curing of MC-RIM PROTECT, MC-RIM PROTECT-MR and MC-RIM PROTECT-H, but it may also be used for curing of any other cement-bound building materials, e.g. concrete, mortar and PCC. As the technical characteristics of cement-bound building materials are positively affected by early and effective curing, the curing process is to be carried out without delay. Therefore MC-RIM PROTECT-C must be applied immediately after surface finishing.

Application
Prior to application MC-RIM PROTECT-C must be stirred thoroughly. MC-RIM PROTECT-C can be applied by brush, roller or spraying. Spray application must be carried out using high-pressure sprayers (crop sprayers).

For constant application the distance between nozzle and surface should be approx. 0.5 - 1 m. Thorough vaporisation of the curing agent must be ensured. The air-, material- and component temperature must be at least + 5 °C.

The curing film will weather, depending on the environmental and weather conditions. There is no weathering at interior areas.

Curing films based on a wax-dispersion have a separative effect on subsequently applied paints or coatings. Before any paint or coating systems are applied, all residues of the MC-RIM PROTECT-C film must be removed by quartz-free grit blasting.

Additional Information
MC-RIM PROTECT-C does not protect fresh mortar surfaces against heating if surfaces are exposed to intensive and long-term sunlight. Shading of these surfaces should always be respected.

The film formation of MC-RIM PROTECT-C is caused by physical drying. In case the applied coverage rates vary there might be a craquelling plattern on the surface caused by differential drying.

MC-Bauchemie • Am Kruppwald 1-8 • 46238 Bottrop • Tel. +49 (0) 2041-101 10 • Fax: +49 (0) 2041-101 188
info@mc-bauchemie.de • www.mc-bauchemie.de

Technical Data for MC-RIM PROTECT-C

Characteristic	Unit	Value*	Comment
Density	kg/dm³	approx. 1.0	-
Coverage	g/m²	150 - 200	
Curing time	hours	approx. 3	
Application conditions	°C	≥ 5	

Product Characteristics for MC-RIM PROTECT-C

Colour	white / transparent
Delivery	30 kg canister
Storage	Can be stored in original unopened packs (< 30 °C) for at least one year. Protect from frost!
Disposal	Packs must be emptied completely

* All technical data relate to + 23 °C and 50 % relative humidity.

MC-Bauchemie • Am Kruppwald 1-8 • 46238 Bottrop • Tel. +49 (0) 2041-101 10 • Fax: +49 (0) 2041-101 188
info@mc-bauchemie.de • www.mc-bauchemie.de