

QuickCure Accelerator

description

100% solids proprietary additive designed to accelerate any MCU-Coating

uses

Use in any MCU-Coating when faster cure and recoat times are desired. Review the recoat time-table for details

accelerating with quickcure

Once QuickCure has been added to any MCU Coating, there will be a pot-life. Accelerate only the materials that will be used the same day. To avoid premature gelling or shorter pot-life, use the following technique for addition:

Open the MCU coating and agitate as necessary to incorporate any settling or separation. Do not over-agitate. The pigmentation in MCU's products like zinc and micaceous iron oxide (MIO) will not settle once thoroughly incorporated. Add QuickCure to the thoroughly

mixed MCU-coating, and agitate only enough to incorporate the accelerator. Do not over agitate or keep any MCU Coating under constant agitation.

Immediately after agitation, put a solvent float over the top of the coating in the container. 50 - 100 ml of MCU-Coatings MCU-Thinner or MCU-Thinner 25 is sufficient. Cover the container when possible. Avoid using accelerated material after 24 hours

Do not use QuickCure in the first coat when applying MCU Coatings over concrete.

addition of quickcure

Add 1lt of QuickCure to 20lt of paint. (5% - 7% solution)

Note: MCU-AluTopcoat and MCU-Aluprime may require the addition of a second 1lt of QuickCure per 20lt pail to achieve the listed recoat times due to their higher reactivity.

precautions with quickcure

Do not open and agitate MCU coatings with QuickCure when the coatings temperature is below the dew point. Condensation can form on the can and on the exposed coating. By maintaining the coating temperature to the atmospheric temperature this can be eliminated. Any condensation on the surface of the paint could be incorporated during agitation. If QuickCure is not used, MCU's coatings can tolerate

some moisture intrusion; however, if QuickCure and moisture have been combined with the coating, a very short pot life of 1 to 4 hours can occur. To eliminate any risk of moisture intrusion during mixing and preparation, store MCU's coatings in an area that remains at least as warm as the dew point temperature Do not allow rain or water to fall directly into the open container.

application

QuickCure accelerated coatings are designed for spray application. Brush and roll applications are possible; however, the usable pot life may be drastically reduced when the accelerated coating is exposed to repeated dipping of brushes or mixing in the roller pan. Avoid ex-

cessive mixing or any action that will introduce atmospheric moisture into the coating. Keep the container covered and use an MCU-Thinner or MCU-Thinner 25 float when the container is accelerated. The use of a dipping or roller pan is recommended for brushing or rolling .

quickcure accelerator

Temp.		mcu-miozinc		mcu-miomastic		mcu-topcoat		mcu-ferrogard	
		mcu-aluprime mcu-alutopcoat				mcu-miotopcoat		mcu-mastic	
°F	°C	without QuickCure	with QuickCure	without QuickCure	with QuickCure	without QuickCure	with QuickCure	without QuickCure	with QuickCure
10	-12,2	48 hours	8 hours	48 hours	8 hours	72 hours	8 hours	24 hours	10 hours
20	-6,7	24 hours	3 hours	24 hours	3 hours	48 hours	3 hours	18 hours	4 hours
30	-1,1	12 hours	1,5 hours	12 hours	2 hours	24 hours	2 hours	12 hours	2 hours
40	4,4	6 hours	1 hours	6 hours	1 hours	12 hours	1 hours	10 hours	1 hours
50	10	4-6 hours	0,8 hours	6 hours	1 hours	10 hours	1 hours	8 hours	1 hours
60	15,6	4-6 hours	0,5 hours	6 hours	0,6 hours	6-10 hours	0,6 hours	6 hours	0,6 hours
70	21,1	4-6 hours	0,5 hours	6 hours	0,5 hours	6-10 hours	0,5 hours	4 hours	0,5 hours
80	26,7	4-6 hours	0,5 hours	4 hours	0,5 hours	6-10 hours	0,5 hours	4 hours	0,5 hours
90	32,2	4-6 hours	0,4 hours	4 hours	0,5 hours	6-10 hours	0,4 hours	4 hours	0,5 hours
100	37,8	4-6 hours	0,3 hours	4 hours	0,3 hours	6-10 hours	0,3 hours	2 hours	0,3 hours

The cure times listed are approximate times required before recoating and are based on 60 to 90% relative humidity. Actual curing times vary depending on ambient temperature, substrate temperature and film thickness. Thicker films may require longer cure times.

use caution on damp surfaces

MCU coatings can tolerate application to damp but not visibly wet surfaces. Using QuickCure Accelerator in any MCU coating will diminish the coating's ability to adhere to a damp surface. See the Precautions with QuickCure and Damp Surfaces sections for conditions to avoid.

safety precautions

This product is for industrial use only. Consult the Material Safety Data Sheet for safe handling and use. Recommended respiratory and clothing protection used for handling the MCU-Coating is adequate for handling QuickCure.

warning: fire hazard

This product poses no unusual hazard in the container or in the coating; however, if the undiluted QuickCure is spilled, special steps must be taken. DO NOT WIPE UP WITH DRY RAGS. Finely divided small quantities of this material will create heat in rags much like oily rags. Rags containing this chemical that are piled or stuffed into closed

containers can ignite. Caution must be taken. Material laying on the ground or in partial containers cause no hazard; however, if clean-up is done with rags, the rags must be thoroughly soaked with water. Clean all spills with plenty of water and soak any rags with water prior to disposal. Call your MCU-Coatings representative with any questions.

limit of liability

MCU-Coatings liability on any claim of any kind, including claims based upon MCU-Coatings' negligence or strict liability, for any loss or damage arising out of, connected with or resulting from the use of the products, shall in no case exceed the purchase price allowable

for the products or part thereof that give rise to the claim. In no event shall MCU-Coatings be liable for consequential or incidental damages. Published Product Data Sheets are subject to change without notice. Contact your MCU-Coatings Representative for current Product Data Sheets.