

Protect UC Accelerator

Accelerator Additive for Urethane Concrete Systems



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DESCRIPTION:

Protect UC Accelerator is a liquid post additive that will accelerate the cure rate of Protect Urethane Concrete systems. It is especially useful in situations where substrate temperatures are expected to be at the systems minimum temperature requirement.

ADVANTAGES:

- Reduces the cure time up to 85%
- Solvent Free
- Odor Free
- Easily added to Part A
- Safe non-hazardous; DOT Non-Regulated

STORAGE: Materials should be stored in un-opened containers between 65°F (18°C) and 90°F (32°C) and at or below 50% RH.

SHELF LIFE: 1 year from date of manufacture (un-opened).

PACKAGING KITS/ PART NUMBERS:

Available in:

5 gallon Pails

1 Gallon F style jugs

Pre-measured ½ pint cans.

LIMITATIONS:

Protect UC Accelerator additive will reduce working times and leveling properties as much as 50% in comparison to Protect UC systems mixed without the UC Accelerator given the same application temperature.. This is especially true at higher (>72F) temperatures. Not recommended in temperatures >75F.

Please contact Technical Service for additional recommendations.

MATERIAL PROPERTIES*:

Properties	Test Method	Results
Flash Point	ASTM D3278	≥360 °F
Weight per gallon	ASTM D1475	8.8 lbs/gal
Viscosity	ASTM D2196	400-600 cPs

MIXING:

Add up to 16 fl. oz. per 5 GALLONS of UC-A Part A. Mix thoroughly before metering off Part A for individual mixes. See charts below for dosing and effect at various temperatures. Then add color pack and mix until color is uniform throughout the pail.

Meter off as usual for Protect UC mixes. Mix ratio for all Protect UC systems are 1:1 by volume Part A : Part B.

If adding Protect UC Accelerator to a single mix, (1 gallon Part A and 1 gallon Part B) the equivalent amount of UC Accelerator to add to 1 gallon of UC-A Part A is:

3 fl. oz. equivalent is 0.6 fl oz. (UC Accelerator/1 gallon Part A)

6 fl. oz. equivalent is 1.2 fl oz. (UC Accelerator/1 gallon Part A)

8 fl. oz. equivalent is 1.6 fl oz. (UC Accelerator/1 gallon Part A)

12 fl. oz. equivalent is 2.2 fl oz. (UC Accelerator/1 gallon Part A)

16 fl. oz. equivalent is 3 fl oz. (UC Accelerator/1 gallon Part A)

Do not use levels higher than these without contacting the technical department of Protective Industrial Polymers for further information.

The charts below shall serve ONLY as a general guideline. Actual job conditions and temperatures of materials at the time of mixing influence product cure effectiveness and cure response.

		70 Deg F		
Oz. UC Accelerator per 5 gallons UC Part A	Working/ Leveling Time (min.)	Flat Soled Shoe Walk on Time (HRS)	Spike Shoe Ready Time (HRS)	
0.0	22.0	6.0	8.0	
3.0	17.0	3.3	5.0	
6.0	13.0	2.5	3.0	
8.0	11.0	2.0	2.5	
12.0	10.0	1.5	2.3	
16.0	9.0	1.0	2.0	

		60 Deg F		
Oz. UC Accelerator per 5 gallons UC Part A	Working/ Leveling Time (min.)	Soft Shoe Walk on Time (HRS)	Spike Shoe Ready Time (HRS)	
0.0	30.0	7.0	9.0	
3.0	22.0	5.0	7.0	
6.0	18.0	4.0	5.0	
8.0	15.0	3.0	4.0	
12.0	13.0	2.5	3.5	
16.0	10.9	2.0	3.0	

		45 Deg F		
Oz. UC Accelerator per 5 gallons UC Part A	Working/ Leveling Time (min.)	Soft Shoe Walk on Time (HRS)	Spike Shoe Ready Time (HRS)	
0.0	55.0	12.5	16.0	
3.0	42.0	10.0	13.0	
6.0	34.0	8.5	10.5	
8.0	29.0	6.0	8.0	
12.0	24.0	5.0	7.0	
16.0	20.0	4.0	6.0	

TECHNICAL SUPPORT: For application questions, please contact your salesman or PIP technical service at 440-243-4560.

DISPOSAL: Dispose in accordance with federal, state, and local regulations.

READ SDS (SAFETY DATA SHEET) FOR SAFETY AND PRECAUTIONS. USE PRODUCT AS DIRECTED FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

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WARRANTY AND CONDITIONS OF USAGE

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