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POLYMER NATION CHEMICAL COMPANY, LLC

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TECHNICAL DATA SHEET: C-55 POLYUREA & URETHANE CONCRETE ACCELERATOR

Product Overview

C-55 is used to accelerate the cure time for the following products:

- P-20 2K Pigmented Polyurea
- P-21 2K Clear Polyurea

Urethane Concrete products

- F-52 SL 28
- F-52 SL 36
- F-52 TD
- F-52 D

It is important to note that while the cure times will be shorter, the working time will also shorten when using this additive; for additional information, see Technical Data Sheet of products listed above before using C-55.

C-55 is packaged in a 1 oz. bottle.

Uses and Benefits

- C-55 should be added to **Part A** of the product listed above and thoroughly mixed into the liquid resin. Once thoroughly mixed, the additional components (Part B and/or Part C) may be added to the mix vessel.
- Take caution to not overmix the product, as this will reduce even further the working time.
- If desired, a partial amount of the C-55 Accelerator may be used instead of the entire contents of the bottle.
- Testing is required by the user to make sure the reduced working time can be installed properly by the crew. For further instruction and information, contact us at lab@polymernation.com.

* Dispose of material, containers, solvents, etc., per Federal, State and local guideline, rules and laws

C-55 Data	Return to Service (at 72F/40% RH)		Working Time (at 72F/40% RH)	
	With C-55	Without C-55	With C-55	Without C-55
P-20/P-21	1.5-2 hours	3-4 hours	8-10 min	25-30 min
F-52 Urethane Concrete (SL 28, SL 36, TD, D)	4-6 hours*	8-12 hours*	8-10 min*	12-15 min*
* Return to Service and Working Time will vary based upon the F-52 product being used; this is due to the varying amount of aggregate and cement in each product.				

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