

PolyVers International 87 Shawnee Avenue Kansas City, KS 66105 (913) 321-9000 (913) 321-1490 (fax)

Material Processing & Handling Information

Material:	PV 425 Polyaspartic Polyurea	
Material Type:	Aliphatic Polyaspartic Polyurea	
Application:	High Gloss Color Stable Finish Coating	
Application Process:	Hand Applicator or Brush	

Process Equipment:	Pumps	Dispensing Gun	
Padco:	BigFoot™ Professional Floor Coater	6210 BigFoot™ Professional Floor Coater Lightweight 12", 1 pack	
		6218 BigFoot™ Professional Floor Coater Heavyweight 18", 1 pack	
		6223 BigFoot™ Professional Floor Coater Lightweight 24", 1 pack	
	Woven Fabric Floor Coater	6005 Woven Floor Coater Refill 12", 6 pack 6004 Woven Floor Coater Refill 18", 6 pack 6006 Woven Floor Coater Refill 24", 6 pack	
Hand Process:	Padco Woven Fabric Floor C	Coater	
Process Temperature:	Ambient		
Mix Ratio:	1:2 (A:B) by volume		
Pot Life:	15 minutes		
Tack Free:	1.5-2 hours		
Light Traffic:	4-5 hours		
Full Cure:	7 days		
Mix Instructions:	PV 425 is prepackaged in s Part B container to accept the provided pigment.	eparate containers with adequate space in the he full contents of from the Part A container and	
	Pour entire contents from the Part A pail into the Part B pail. Using a drill and mixer (Jiffy Mixer preferably), mix contents together for 2 minutes, or until thoroughly mixed. Add contents from the pigment container and mix 1 additional minute. For thinning purposes, up to 1 quart of Acetone may be added to the mixture.		
	Special care should be taken material during the mixing p	n to insure little or no air is entrained into process.	

Moisture C	content: Calci	um chloride test: 3 lb/24 hr/1,000 ft ²		
	Tram	nex concrete moisture meter: 5% maxim	um	
Application Tempe	erature: 29°C	(-20°F) and higher.		
	PV 4 times conte	25 will cure at temperatures down to -7 s will be extended. Frozen concrete subst ent will affect coating adhesion and long-	°C (20°F). However, cure trates with high moisture term performance.	
Dev	v Point: Subs befor	Substrate temperature must be $-15^{\circ}C$ (5°F) above dew point and rising before application of coating materials.		
Surfac	ce Prep: Abras Achie	sive blast per ICRI Technical Guideline N eve a concrete surface profile of ICRI CSI	o. 03732 or SSPC SP13. P-3 to CSP-5.	
Surface contan	ninates: Chec amou Repe Maxii Chlor Nitra Sulph	k for soluble salts on surfaces to be coatunt of soluble salts exceeds recommendeat process until acceptable limits are reamum amounts of soluble salts (micrograrides3 immersion, 7 non-immerstes5 immersion, 10 non-immernates10 immersion, 20 non-immer	ed. Test with Chlor*Test. If d limits, treat with Chlor*Rid. ched. ms per square centimeter): ion rsion ersion	
Adhesion	Testing: Adhe	sion to concrete: Minimum 150 psi.		
Аррі	ication: Apply starti surfa appli preve each oppo with	V 425 in one coat using hand applicating location for coating work. Pour ribbor ce to be coated. Using applicator spread cator blade at a 30 to 45 degree angle. Sent excess material from flowing onto the pass, reverse the applicator angle and reside direction. Cut-in of corners and hard the use of a good quality enamel type brocks and the coating from mixing and spreasent in the coating from mixing	tor from Padco. Determine of mixed material onto coating slowly keeping the Special care should be taken to e finished area. At the end of epeat the same process in the to reach areas may be done rush.	
	spray Aceto trapp SOUF	ying small amounts of Acetone onto the vone breaks the surface tension of the coard air to escape. USE CAUTION TO INSURCES THAT COULD CAUSE EXPLOSION C	wet coating surface. The ating upon contact allowing the JRE THERE A NO IGNITION DR FIRE.	
Application	Rates: 10 to poros overo with	10 to 15 mils; 160 to 105 square feet per gallon depending on substrate porosity and surface profile. Maximum overcoat time: 48 hours. Areas to be overcoated that exceed the 48 hour time limit should be cleaned and wiped with Acetone or MEK to reactivate the coating surface.		
Stor	age Temp	Storage	Special Handling	
A Side 10°C 21°C	(50°F) min (70°F) optimum	Keep dry. Keep from freezing. Store in covered temperature controlled environment if possible.	Use dry air desiccant for intake vent on drum.	
B Side 10°C 21°C	(50°F) min (70°F) optimum	Keep dry. Keep from freezing. Store in covered temperature controlled environment if possible.	Mix well with mixer to re- disperse any settled pigment.	

Safety:	Please consult product MSDS for full details.

Safety glasses, Rubber gloves, Protective clothing, Organic vapor or fresh air respirator.