

Polymer Nation - P Series (Primers)															
The data provided is based on temperatures of 72-75°F and 30 – 50% RH. Significant variations from these temperatures and RH ranges will provide different data. Please consult with Polymer Nation for additional resources and data required for your specific project.															
Product	Color	Packaging	% Solids	Vol/ Mix Ratio	Ideal Application Temperature	Working Time	Recoat Time	Return to Service	Full Cure	Coverage Rate		UV Stability	Alternate Speeds	Substrate % RH	Notes
										(Mils)	(Sq ft/gal)	Scale: 1-5	(Y/N)		
P-00 Pigmented Epoxy Primer/Basecoat	White, Light Gray, Medium Gray, Beige	4 gal	100	3A:1B	60-90°F	20-30 min	8-24 hrs	16-24 hrs	7 days	8-12	135-200	1	N	<75	
P-01 Epoxy Primer/Basecoat	Clear & Color Packs	4 gal	100	3A:1B	60-90°F	20-30 min	8-24 hrs	16-24 hrs	7 days	8-12	135-200	1	N	<75	
P-03 WB Epoxy Primer	Clear & Light Gray	2.5 & 25 gal	36	1A:4B	60-90°F	15-20 min	8-24 hrs	8-12 hrs	7 days	4-8	200-400	1	N	<99	
P-20 Pigmented Polyurea Primer	Gray & Tan	3 gal	100	2A:1B	60-90°F	20-25 min	2-24 hrs	3-4 hrs	7 days	8	200	1	Y	<75	C-55 Accelerator - Working time: 10-15 minutes Return to Service: 1.5-2 hours
P-21 Polyurea Primer	Clear & Color Packs	3 gal	100	2A:1B	60-90°F	20-25 min	2-24 hrs	3-4 hrs	7 days	8	200	1	Y	<75	C-55 Accelerator - Working time: 10-15 minutes Return to Service: 1.5-2 hours
P-30 Epoxy Primer - Vertical	Clear Paste	3 gal	100	2A:1B	60-90°F	25-35 min	10-24 hrs	12-16 hrs	7 days	12-20	80-135	2	N	<75	
P-99 Epoxy Moisture Vapor Barrier	Clear & Color Packs	3 gal	100	2A:1B	60-90°F	15-25 min	8-24 hrs	16-24 hrs	7 days	16	1 coat – 100	2	N	<99	
										10	2 coats – 160 per coat				
Polymer Nation – F Series (Flooring)															
The data provided is based on temperatures of 72-75°F and 30 – 50% RH. Significant variations from these temperatures and RH ranges will provide different data. Please consult with Polymer Nation for additional resources and data required for your specific project.															
Product	Color	Packaging	% Solids	Vol / Mix Ratio	Ideal Application Temperature	Working Time	Recoat Time	Return to Service	Full Cure	Coverage Rate		UV Stability	Alternate Speeds	Substrate % RH	Notes
										(Mils/Inches)	(Sq ft/gal)	Scale: 1-5	(Y/N)		
F-00 Standard Pigmented Epoxy	White Base, Tintable with 1339 Color Packs (Pastels), Light Gray, Medium Gray, Beige	3, 15, 165 gal	100	2A:1B	60-90°F	30-45 min	10-24 hrs	24 hrs	7 days	8-20	80-200	2	Y	<75	Fast Set Hardener - Working time: 10-15 minutes Return to Service: 3-5 hours
F-01 Standard Epoxy	Clear & Color Packs	3, 15, 165 gal	100	2A:1B	60-90°F	30-45 min	10-24 hrs	24 hrs	7 days	8-20	80-200	2	Y	<75	Fast Set Hardener - Working time: 10-15 minutes Return to Service: 3-5 hours
F11-TD Clear Epoxy Trowel Down	Clear & Color Packs	4, 220 mix	100	2A:1B	60-90°F	30-45 min	8-24 hrs	24 hrs	7 days	1/4"	23 sq ft/mix; 4 mixes per kit	2	Y	<75	Fast Set Hardener - Working time: 10-15 minutes Return to Service: 3-5 hours
F11-SL Clear Epoxy Slurry	Clear & Color Packs	1 mix	100	2A:1B	60-90°F	30-45 min	10-24 hrs	24 hrs	76 days	1/8"	66 sq ft/kit	2	Y	<75	Fast Set Hardener - Working time: 10-15 minutes Return to Service: 3-5 hours
F-41 UV Resistant Epoxy	Clear & Color Packs	3,15, 165 gal	100	2A:1B	60-90°F	30-45 min	10-24 hrs	24 hrs	7 days	10-20	80-160	3.5	N	<75	
Urethane Concretes															
F-52 SL28 Urethane Concrete Thin Slurry	Natural, Tile Red, Light Gray, Medium Gray, Dark Gray, Black	1, 262 mix	100	Pre-measured kits	60-90°F	15-20 min	6-24 hrs	16-24 hrs	7 days	1/8"	45 sq ft/kit	1	Y	<99	C-55 Accelerator Working time: 8-10 minutes Return to Service: 4-6 hours
F-52 SL36 Urethane Concrete Slurry	Natural, Tile Red, Light Gray, Medium Gray, Dark Gray, Black	1, 262 mix	100	Pre-measured kits	60-90°F	15-20 min	6-24 hrs	16-24 hrs	7 days	3/16"-1/4"	28-35 sq ft/kit	1	Y	<99	C-55 Accelerator Working time: 8-10 minutes Return to Service: 4-6 hours

F-52 TD Urethane Concrete Trowelable	Natural, Tile Red, Light Gray, Medium Gray, Dark Gray, Black	1, 262 mix	100	Pre-measured kits	60-90°F	15-20 min	6-24 hrs	16-24 hrs	7 days	1/4"-3/8"	36-50 sq ft/kit	1	Y	<99	C-55 Accelerator Working time: 8-10 minutes Return to Service: 4-6 hours
F-52 D Urethane Concrete Dressing	Natural, Tile Red, Light Gray, Medium Gray, Dark Gray, Black	1, 262 mix	100	Pre-measured kits	60-90°F	10-15 min	8-24 hrs	16-24 hrs	7 days	25	160 sq ft/kit	1	Y	<99	C-55 Accelerator Working time: 8-10 minutes Return to Service: 4-6 hours
F-52 AD Urethane Concrete Dressing - Aliphatic	Natural, Tile Red, Light Gray, Medium Gray, Dark Gray, Black	1, 262 mix	100	Pre-measured kits	60-90°F	10-15 min	8-24 hrs	16-24 hrs	7 days	25	160 sq ft/kit	4	N	<99	
Polyaspartics															
F-60 Pigmented Polyaspartic - Slow	White Base, Tintable with 1339 Color Packs (Pastel)	3,15, 165 gal	93	2A:1B	60-90°F	15-20 min	8-24 hrs	18-24 hrs	7 days	5-15	110-300	5	N	<75	Factory Pigmented Colors available with minimum order quantities.
F-61 Polyaspartic - Slow	Clear & Color Packs	3,15, 165 gal	83	2A:1B	60-90°F	15-20 min	8-24 hrs	18-24 hrs	7 days	5-15	110-300	5	N	<75	Available as F-61 LV (low viscosity); working/physical characteristics slightly modified
F-70 Pigmented Polyaspartic - Medium	White Base, Tintable with 1339 Color Packs (Pastel)	3,15, 165 gal	93	2A:1B	60-85°F	10-15 min	4-24 hrs	14-16 hrs	7 days	5-15	110-300	5	N	<75	Factory Pigmented Colors available with minimum order quantities.
F-71 Polyaspartic - Medium	Clear & Color Packs	3,15, 165 gal	83	2A:1B	60-85°F	10-15 min	4-24 hrs	14-16 hrs	7 days	5-15	110-300	5	N	<75	Available as F-71 LV (low viscosity); working/physical characteristics slightly modified
F-80 Pigmented Polyaspartic - Fast	White Base, Tintable with 1339 Color Packs (Pastel)	3,15, 165 gal	93	2A:1B	55-80°F	5-10 min	1-24 hrs	10-12 hrs	7 days	5-15	110-300	5	N	<75	Factory Pigmented Colors available with minimum order quantities.
F-81 Polyaspartic - Fast	Clear & Color Packs	3,15, 165 gal	83	2A:1B	55-80°F	5-10 min	1-24 hrs	10-12 hrs	5 days	5-15	110-300	5	N	<75	Available as F-81 LV (low viscosity); working/physical characteristics slightly modified
SP-41 Flexible Polyaspartic	Clear & Color Packs	2, 10, 110 Gal	93	1A:1B	60-90°F	10-15 min	4-24 hrs	16-24 hrs	7 days	5-12	135-300	5	N	<75	
SP-61 Polyaspartic - Slow	Clear & Color Packs	2, 10, 110 Gal	95	1A:1B	60-90°F	15-20 min	8-24 hrs	24 hrs	7 days	5-12	135-300	4	N	<75	
SP-71 Polyaspartic - Medium	Clear & Color Packs	2, 10, 110 Gal	95	1A:1B	60-85°F	10-15 min	4-24 hrs	16-24 hrs	7 days	5-12	135-300	4	N	<75	
SP-81 Polyaspartic - Fast	Clear & Color Packs	2, 10, 110 Gal	95	1A:1B	55-80°F	5-7 min	1-24 hrs	10-12 hrs	5 days	5-12	135-300	4	N	<75	

Wall & Vertical															
W-31 Epoxy Cove Gel	Clear & Color Packs	3 quarts	100	2A:1B	60-90°F	25-35 min	10-24 hrs	12-16 hrs	7 days	0.5 cu. ft.	25 lineal ft - 4" 20 lineal ft - 6"	2	N	<75	See P-30 for Vertical Primer
W-80 Pigmented Epoxy Wall Coating	White Base, Tintable with 1340 Color Packs (Pastel)	1.5 gal	100	2A:1B	60-90°F	30-45 min	10-24 hrs	24 hrs	7 days	8-20	80-200	2	N	<75	See P-30 for Vertical Primer

Polymer Nation – SP Series (Patches & Joint Treatments, Specialty Products)															
The data provided is based on temperatures of 72-75°F and 30 – 50% RH. Significant variations from these temperatures and RH ranges will provide different data. Please consult with Polymer Nation for additional resources and data required for your specific project.															
Product	Color	Packaging	% Solids	Vol / Mix Ratio	Ideal Application Temperature	Working Time	Recoat Time	Return to Service	Full Cure	Coverage Rate		UV Stability	Alternate Speeds	Substrate % RH	Notes
										(Mils)	(Sq ft/gal)				
SP-10 Flexible Urethane Joint Filler	Light Gray, Beige, Tile Red, Black	1 gal	100	Pre-measured kits	60-90°F	15-20 min	8-24 hrs	12 hrs	7 days	NA	308 LF @ ¼" x ¼" joint	1	N	<75	
SP-15 Epoxy Patch/Joint Fill (3-component)	Wet Concrete	.5 gal	100	2A:1B: Part C (Crushed Glass Flour Filler)	55-90°F	10-15 min	3-24 hrs	4-6 hrs	7 days	NA	150 LF @ ¼" x ¼" joint	1	N	<75	
SP-16 Rapid Patch Urethane – Aromatic	Clear	2 gal	50	1A:1B	55-85°F	3-5 min	30 min-24 hrs	30 min-1 hr	3-5 days	NA	Patch/Crack Fill	1	N	<75	

SP-20 Flexible Urethane Membrane	Light Gray	5 gal	100	Pre-measured kits	60-90°F	15-20 min	8-24 hrs	12-24 hrs	7 days	20-30	50-80	1	N	<75	
SP-24 Flexible Urethane Wear Surface	Light Gray, Dark Gray, Tan, Black	5 gal	100	Pre-measured kits	60-90°F	15-25 min	12-24 hrs	24 hrs	7 days	15-25	64-110	4	N	<75	
SP-33 ESD Epoxy	Light Gray, Medium Gray, Dark Gray	3 gal	100	2A:1B	60-90°F	30-45 min	10-24 hrs	24 hrs	7 days	8-20	80-200	2	N	<75	
SP-31 High Performance Sealer/Coating	Clear	5 gal	35	Single Component	60-90°F	10-15 min	2-24 hrs	12-24 hrs	5-7 days	2-3	530-800	5	N	<75	
Polymer Nation – U Series (Urethane Topcoats)															
The data provided is based on temperatures of 72-75°F and 30 – 50% RH. Significant variations from these temperatures and RH ranges will provide different data. Please consult with Polymer Nation for additional resources and data required for your specific project.															
Product	Color	Packaging	% Solids	Vol / Mix Ratio	Ideal Application Temperature	Working Time	Recoat Time	Return to Service	Full Cure	Coverage Rate		UV Stability Scale: 1-5	Alternate Speeds (Y/N)	Substrate % RH	Notes
										(Mils)	(Sq ft/gal)				
U-20 2K WB Pigmented Urethane - Gloss & Satin	White, Light Gray, Beige	2.5 gal	58	4A:1B	60-85°F	10-15 min	4-24 hrs	18-24 hrs	7 days	4-6	250-400	4.5	N	<99	Gloss & Satin available
U-21 2K WB Urethane - Gloss & Satin	Clear & Color Packs	2 gal	53	3A:1B	60-85°F	10-15 min	4-24 hrs	18-24 hrs	7 days	4-6	250-400	4.5	N	<99	Gloss & Satin available
U-35 WB Acrylic Urethane Sealer	Clear	5 gal	37	Single Component	60-90°F	10-15 min	1-24 hrs	1-2 hrs	5 days	2-3	500-800	5	N	<99	
U-45 SB Acrylic Sealer	Clear	5 gal	25-30	Single Component	60-90°F	5-10 min	1-24 hrs	1 hr	5 days	2	800	5	N	<99	
U-51 Moisture Cure Urethane - Gloss & Matte	Clear & Color Packs (1340)	1 gal	>98	Single Component*	60-90°F	25-35 min	8-24 hrs	24 hrs	7 days	3-4	400-500	5	Y	<75	U-51 Accelerator; 8:1 (U-51:Accelerator) mix ratio by volume
															Gloss & Matte available
U-91 Flexible Membrane - Aliphatic	Clear & Color Packs (1340)	3 gal	100	Pre-measured kits	60-90°F	20-25 min	4-24 hrs	16-24 hrs	7 days	10-50	30-160	5	N	<75	Application thickness dependent on system selection

Polymer Nation – Miscellaneous Products															
The data provided is based on temperatures of 72-75°F and 30 – 50% RH. Significant variations from these temperatures and RH ranges will provide different data. Please consult with Polymer Nation for additional resources and data required for your specific project.															
	Color	Packaging	% Solids	Vol / Mix Ratio	Ideal Application Temperature	Working Time	Recoat Time	Return to Service	Full Cure	Coverage Rate		UV Stability (Y/N)	Alternate Speeds (Y/N)	Substrate % RH	Notes
										(Mils)	(Sq ft/gal)				
L-21 Novolac Epoxy	Clear & Color Packs	3,15, 150 gal	100	2A:1B	60-90°F	10-15 min	4-24 hrs	12-24 hrs	7-10 days	10-16	100-160	2	N	<75	
C-22 Liquid Cleaner	Clear	5 gal	10	NA	60-90°F	NA				NA		NA			
C-23 Liquid Degreaser	Clear	5 gal	30	NA	60-90°F	NA				NA		NA			
C-55 Polyurea Urethane Concrete Accelerator	Clear	1 oz	<10	NA	See P-20/P-21 or F-52 products					NA		NA			
C-99 Low Odor Solvent Cleaner	Clear	1 gal	0	NA	60-90°F	NA				NA		NA			