

# ENGINEERED POLYMERS LLC - Tel: 608-661-2800 / Fax: 608-661-2817

Products	1KSP	1KP	RAP60	QS	RSP	RASP	RPSP	EF	JS
	Modified Polymer	Phenolic	Aliphatic	Aromatic	Colorfast	Aliphatic	Aromatic	Aromatic	Aromatic
	Dispersion	Dispersion	Polyurea	Epoxy	Polyurea	Polyurea	Polyurea	Polyurea	Polyurea
<b>Application</b>	Roll, Squeegee, Airless Applications				Dual Component Spraying				Plural Comp Pump
Component (Ratio A/B)	Single Comp.	Single Comp.	3/4 or 2/3 White	1/2	1/1	1/1	1/1	1/1	1/2
Solids by Volume	37%	47%	100%	100%	100%	100%	100%	100%	100%
Silicone Modified	Yes	Yes	Optional	Optional	Yes	Yes	Yes	No	Optional
Self Leveling	Yes	Yes	Yes	Yes	No	No	No	No	Yes
Tensile Strength PSI ASTM D412	5,980	5,980	5,110	8,881	2,250	3,310	3,610	1,325	2,950
Elongation % ASTM D412	210	210	140	28	750	325	350	950	225
Tear Strength PSI ASTM D2240 <b>D412</b>			500		410	450	550	460	<b>500</b>
Taber Abrasion CS 17 Wheel ASTM D4060			65	80	22	76	25	22	25
<b>Spray Equipment &amp; Spray Gun</b>	Airless		No Heaters		Gusmer GX-7, GX-8 or DI or Glasscraft Probler				Plural Comp Pump
Viscosity CPS B Side & A Side	300	300	B575 - A300	B1500 - A100	B600 - A800	B600 - A450	B500 - A450	B600 - A800	B1200 - A400
Spray Pressure PSI	1200	1200	1200	1200	2000/1500	2000/1500	2000/1500	2000/1500	
Hose Temperature					150 Degrees	150 Degrees	150 Degrees	150 Degrees	
Fast / Gel Time	10 Min.	10 Min.	30 Min	20 Min.	9 Sec.	15 Sec.	9 Sec.	9 Sec.	2 Min.
Fast / Tack Free	15 Min.	15 Min.	60 Min.	2 - 5 Hrs.	16 Sec.	25 Sec.	16 Sec.	16 Sec.	5 Min.
Fast / Foot Traffic	1 Hr.	1 Hr.	120 Min	6 Hrs.	5 Min.	20 Min.	5 Min.	5 Min.	
Fast / Industrial Traffic					60 Min.	60 Min.	60 Min.	60 Min.	15 Min.
Check Optional Curing Times					◆	◆	◆	◆	◆
<b>Primers (See Product Data Sheets)</b>	Always Check Mixing Instructions				Always Check Mixing Instructions				
Concrete	1KSP	1KP	QS, P28, QS	NO	1KSP, P28, QS	1KSP, P28, QS	1KSP, P28, QS	1KSP, P28, QS	1KSP, P28
Steel	#202 Primer	#202 Primer	MAP-Z, P28, QS	NO	QS	P28, #202, QS	P28, #202, QS	P28, #202, QS	MAP-Z, P28
Wood	1KSP	1KP	1KSP, QS	NO	P28	1KP, QS	1KP, QS	1KP, QS	1KP, QS
<b>Other Typical Uses</b>	Contact Manufacturer for Primers				Contact Manufacturer for Primers				
Cold Storage					X	X	X	X	X
Roof Coating					X	X	X	X	
Sewer Liner					X	X	X	X	
Industrial Floors			X	X	X	X	X	X	X
Bridge Coating	X	X	X		X	X	X	X	X
Secondary Containment				X	X	X	X	X	
Brick	X	X							
Tile	X	X							
A Plaza Decks / B Parking Garages	A	B							
Expansion Joint Sealant/Road Repairs									X
VOC Compliant	X	X	X	X	X	X	X	X	X
USDA & FDA Accpetable			X		X	X	X	X	X