

SPL-H 4072 TECHNICAL DATA SHEET

Polyurethane Polyurea Spray Elastomer System



Product Information

SPL-H 4072 is a 100% solids high-performance, multi-purpose polyurethane coating designed for processing through plural component, high-pressure dispensing equipment. Once fully cured, this material is tough and hard with excellent tensile strength with moderate impact resistance. SPL-H 4072 was designed to be sprayed over EPS and Urethane Board stock. SPL-H 4072 is also an excellent product to replace Polyester Resins and Fiberglass.

Physical Properties (Final Product)	Units	Test Method	Results
Shore Hardness	Shore D	ASTM D-2240	70
Tensile Strength	psi	ASTM D-412	6,800
Flexural Modulus	psi	ASTM D-412	375,000
Elongation	%	ASTM D-412	5
Tear Strength	pli	ASTM D-624	180
Color	-	Visual	Natural/Pigmented

Handling Characteristics	Units	Component A	Component B
Mix Ratio by Volume	(A/B)	50	50
Mix Ratio by Weight	(A/B)	52	48
Specific Gravity @ 75°F	g/mL	1.16 - 1.18	1.06 - 1.08
Viscosity @ 75°F	cPs	400 - 600	900 - 1300
Color	Visual	Pale Yellow	Opaque/White
Gel Time @ 75°F	Seconds	80 - 90	
Tack Free Time	Seconds	100 - 120	
90% Cure Time*	Hours	24	

Final properties will be reached in a course of several days. Properties are typical and not for specifications

Storage and Shelf Life

Components should be kept well sealed in a dry place from 70 to 90°F. Shelf life of unopened containers is six (6) months from manufacturing date. Mix Component B well prior to each use. Purge opened containers with dry nitrogen before resealing. Refer to product SDS for more information.

Packaging

Component A:	55 gallon steel drum (closed top)	490 lb Net Weight
Component B:	55 gallon steel drum (open top)	435 lb Net Weight

For more information contact Eteco, Inc. (714) 480-1370 | info@etecoinc.com
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