

CPS 6142-65DSFR

Protective Coating System

Description

CPS 6142-65DSFR is an all-purpose, 100% solids spray applied elastomeric protective coating with enhanced flame-retardant properties. CPS 6142-65DSFR is a pure urethane system that contains zero VOCs and exhibits excellent adhesion to wood, metal, and fiberglass substrates.

Proposed Uses

CPS 6142-65DSFR exhibits excellent adhesion to most materials and is suitable as a protective-abrasive-impact liner for wood, metal, and fiberglass surfaces.

Typical Physical Properties

Properties	Test Method	A-Side	B-Side
Viscosity, cps @75° F	ASTM D-2196	100-200	900-1,100
Specific Gravity	ASTM D-1638	1.2	1.21
Mix Ratio	By weight	50	50
	By volume	50	50

Cured Properties	Test Method	Result
Shore D Hardness	ASTM D-2240	68 ± 2
Tensile Strength, psi	ASTM D-412	4,000 ± 500
Elongation, %	ASTM D-412	15 ± 5
Tear, Die C, pli	ASTM D-624	600 ± 100
Fire Rating, Flame Spread Index	ASTM E-84	20
Fire Rating, Smoke Development Index	ASTM E-84	125

Processing Specifications (Using Graco Reactor EXP-1 Or EXP-2)

Equipment Temperature Settings:	
Component A (ISO)	120° F ± 10° F
Component B (Poly/Resin)	150° F ± 10° F
Hose Temperature	140° F - 150° F
Equipment Pressure Setting	2,000-2,400 psi

Reactivity Data

Chemical	Resistance
Gel Time at Equipment Temperature	2-3 seconds
Gel Time at Ambient Temperature (74° F - 77° F)	5-7 seconds
Cure Time	24 hours

STORAGE AND HANDLING

Component A (isocyanate) – storage area should be maintained between 75° F to 95° F. Containers must be tightly closed as a protection from moisture and foreign material.

Component B (polyol) – storage area should be maintained between 65° F - 85° F. Containers must be tightly closed as a protection from moisture and foreign material.

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CALL CARLISLE POLYURETHANE SYSTEMS FOR TECHNICAL QUESTIONS. (888) 899-9665.

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