



Carlisle Spray-Applied Polyurethane Foam Material Compatibility & Chemical Resistance

Carlisle SPF is compatible with many different building materials including but not limited to:

Gypsum Board	Exterior Gypsum Board	Steel Studs
CMU	Concrete	Polyethylene/PEX Tubing
Polypropylene	PVC/CPVC	Polyisocyanurate Board
Aluminum	Copper	Common Electrical Wiring
OSB	Vinyl	Stainless Steel
ABS	Carbon Steel	Galvanized Metal
Plywood	Wood Studs	One Component Polyurethane Foams
Common Batt Insulations	Common Blow-in Insulations	Common Low Voltage Wiring

Carlisle SPF is chemically resistant to many common substances including but not limited to:

Non Distilled Petroleum Products	Limited Moisture (Water) Resistance	Nonionic soaps
Gypsum mud	Tar	Acrylics
Silicones	Polyurethanes	Polyureas
Petroleum Combustion Exhaust	Caulks	Cement

It is the foam applicator's responsibility to ensure the system is being applied within physical parameters. Proper applications may require adjustments to one or more of the following: spray techniques, substrate, application, or job site temperature.

All surfaces to be sprayed with foam should be clean, dry and free of dew or frost. Metal substrate must be free of any surface residue such as oil, grease, etc.

Recommended application procedure when applying Carlisle spray polyurethane foam over **Chlorinated Polyvinylchloride (CPVC):**

Product	Pass	
	1 st	2 ^{nd+}
Carlisle Open Cell	3 inches	6 inches
Carlisle Closed Cell	0.5 inches	2 inches

Disclaimer: It is the responsibility of the applicator to ensure equipment and ambient/substrate conditions are appropriate for SPF application. It is the responsibility of the applicator and/or construction manager ultimately to prove product suitability. Sufficient time must be allowed for SPF to cool between passes. For more information please refer to product technical data

Recommended application procedure when applying Carlisle spray polyurethane foam over **PEX Tubing:**

Product	Pass		
	1 st	2 nd	3+
Carlisle Open Cell	3.5 inches	6 inches	6 inches
Carlisle Closed Cell	0.5 inches	1 inch	2 inches

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Recommended application procedure when applying Carlisle spray polyurethane foam over **Common Electrical Wiring:**

Product	Pass	
	1 st	2 ^{nd+}
Carlisle Open Cell	3 inches	6 inches
Carlisle Closed Cell	0.5 inches	2 inches

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