



LONE MAGNOLIA TECHNOLOGY™
Environmental Protection Products

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Flame Block Foam 2.0

Two-Component Medium-Density Foam

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Flame Block Foam 2.0 is a two component, 1-1 parts by volume, medium density, spray applied polyurethane foam. To produce Flame Block Foam 2.0 requires the use of an A-Component (ISO) and a B-Component (RESIN), which contains zero ozone depleting blowing agents, catalyst, polyols and flame-retardant materials such as fiberglass, cellulose or other loose fill products. Typical areas where spray polyurethane foam is applied are interior walls, exterior walls, attics, ceilings and spa insulations.



HEALTH AND SAFETY

Read the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

Flame Block Foam 2.0 PHYSICAL PROPERTIES

R-Value	ASTM C518	6.5 @ 1"
Core Density	ASTM D1622	2.0 lbs./ft. ³
Closed Cell Content	ASTM D6226	>95%
Sound Transmission Coefficient	ASTM E413	38
Water Vapor Transmission - Permeance	ASTM E96	1.45 perms @ 1"
Air Impermeable	ASTM E283	1.5"-min. thick
Noise Reduction Coefficient	ASTM C423	0.10
Tensile Strength (psi)	ASTM D1623	53
Dimensional Stability	ASTM D2126	<0.27%
Compression Strength (psi)	ASTM D1621	42
Flame Spread	ASTM E84	Class I (20)
Smoke Development	ASTM E84	Class I (110)

TECHNICAL APPLICATION

Flame Block Foam 2.0 should be processed through commercially available, two-component, heated, spray equipment designed for that purpose. **Primary heat and hose heat for spray equipment should both be set at 130°F with machine pressure at 1,500 psi.** Flame Block Foam 2.0 should only be applied by a qualified professional applicator. It is the responsibility of the professional applicator to thoroughly understand all equipment, technical information and safe operating procedures that pertains to a spray polyurethane foam application.

WARRANTY

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