

THERMAL INSULATION AND AIR BARRIER
 ESR-833



PRODUCT DESCRIPTION

Accufoam CC-HFO is a two-component, one-to-one by volume spray-applied polyurethane foam. Accufoam CC-HFO is a medium density spray foam designed to provide good thermal performance and a significant controller of air infiltration in an air barrier assembly. Accufoam HFO is low GWP and zero ODP.

PRODUCT DATA

PROPERTY	TEST METHOD	VALUE
R-VALUE @ 1"	ASTM C 518	7.5
R-VALUE @ 3.5"	ASTM C 518	24
CORE DENSITY (PCF)	ASTM D 1622	1.9
OPEN-CELL CONTENT %	ASTM D 6226	<5
DIMENSIONAL STABILITY %	ASTM D 2126	<7.66
TENSILE STRENGTH (PSI)	ASTM D 1623	46.9
COMPRESSIVE STRENGTH (PSI)	ASTM D 1621	32.2
AIR PERMEANCE	ASTM E 2178	<0.02
SURFACE BURNING CHARACTERISTICS	ASTM E 84	Class-1
RE-ENTRY PERIOD W/10 ACH	ASTM D8445-22A	1 Hour
RE-OCCUPANCY PERIOD W/10 ACH	ASTM D8445-22A	2 Hours
VISCOSITY-ISO AT 77F (CP)		200
VISCOSITY-RESIN AT 77F (CP)		700

BURN CHARACTERISTICS

PROPERTY	TEST METHOD	VALUE
FLAME SPREAD INDEX	ASTM E 84	≤ 25
SMOKE DEVELOPMENT	ASTM E 84	≤ 450

THERMAL BARRIER NFPA286

TYPE	WFT	WALL	CEILING
DC315	14 MIL MIN	7.5 INCH MAX	9.5 INCH MAX
FLAME CONTROL 60-60A	14 MIL MIN	7.5 INCH MAX	9.5 INCH MAX
NO BURN XD/PLUS THB	14 MIL MIN		

IGNITION BARRIER AC377X

Complies with the applicable requirements of AC377 Appendix X for use in attics and crawl spaces without a prescriptive ignition barrier

TEMPERATURE GRADES

REACTIVITIES AVAILABLE	AMBIENT TEMPERATURE RANGE
SUMMER +	> 95°F
SUMMER	70°F – 95°F
REGULAR	50°F – 70°F
WINTER	30°F – 50°F

APPLICATION PARAMETERS

STORAGE TEMPERATURE	60° – 80°
AMBIENT TEMPERATURE	20° – 120°
SUBSTRATE TEMPERATURE	30° – 120°
MOISTURE CONTENT OF SUBSTRATE	Less than 19%
MAXIMUM LIFT PER PASS	Not to exceed 3.5"

EQUIPMENT SETTINGS

PRE-HEATER: (A) COMPONENT – ISO	110° – 130°
PRE-HEATER: (B) COMPONENT – RESIN	110° – 130°
HOSE HEAT	110° – 130°
FLUID PRESSURE – DYNAMIC	1100 – 1400 psi
MIXING RATIO	1:1 by Volume
RECOMMENDED MIX CHAMBER SIZE	10-15 lbs./minute (i.e. 01-Graco AR4242)
SHELF LIFE	6 Months

**The values represented in the Equipment Settings chart provides initial optimum settings. Actual operating ranges will vary as ambient air; humidity, moisture, and substrate temperatures vary. Extreme conditions will affect the yield, adhesion and cured physical properties of the foam. Applicator must make adjustments as conditions vary.*

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