

THERMAL INSULATION AND AIR BARRIER
 ER-833 | ESR-5252



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
SHEAR PROPERTIES OF SANDWICH CORE MATERIALS (LBF/IN ²)	ASTM C 273	40.67
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
ANTI FUNGAL	ASTM C 1338	PASS

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	20°F – 50°F

APPLICATION PARAMETERS

STORAGE TEMPERATURE	60° – 80°
AMBIENT TEMPERATURE	20° – 120°
SUBSTRATE TEMPERATURE	30° – 120°
IN SERVICE TEMPERATURE	231°
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.*

Disclaimer: The data herein is to assist customers who desire to use our products to determine if the products are safe and suitable for their applications. The data presented herein is not intended for use by non-professional applicators, or those persons who do not purchase or utilize this product in the normal course of their business. Customers further assume full responsibility for quality control, testing and determining whether the products are suitable for each individual application. To the best of Creative Polymers knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE SUED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF CREATIVE POLYMER'S TERMS AND CONDITIONS OF SALE.