

**THERMAL INSULATION AND AIR BARRIER**  
 ESR-699 | CSI Section: 07 21 00

**PRODUCT DESCRIPTION**

Accufoam CC is a two-component, one-by-one-by-volume spray-applied polyurethane foam. Accufoam CC is a high-yield, medium-density, spray-applied insulation foam, and is designed to provide good thermal performance and a significant control of air infiltration of an air-barrier assembly.



**PRODUCT DATA**

PROPERTY	TEST METHOD	VALUE
R-VALUE @ 1"	ASTM C 518	6.52
R-VALUE @ 3.5"	ASTM C 518	23
CORE DENSITY (PCF)	ASTM D 1622	1.8-2.0
OPEN-CELL CONTENT %	ASTM D 6226	<5
DIMENSIONAL STABILITY %	ASTM D 2126	<8.6
TENSILE STRENGTH (PSI)	ASTM D 1623	53.5
COMPRESSIVE STRENGTH (PCF)	ASTM D 1621	31.75
AIR PERMEANCE	ASTM E 2178	<0.02
SURFACE BURNING CHARACTERISTICS	ASTM E 84	Class-1
CRITICAL RADIANT HEAT FLUX	ASTM E 970	Pass
WATER VAPOR PERMEANCE	ASTM E 96	1.77 Perms at 1"
RE-ENTRY PERIOD W/10 ACH	ASTM D8445-22A	1 Hour
RE-OCCUPANCY PERIOD W/10 ACH	ASTM D8445-22A	1 Hour
VISCOSITY-ISO AT 77F (CPS)		200

**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	APPLICATION RATE
DC315	19 MIL MIN	5.5 INCH MAX	9.5 INCH MAX	1.2 gal/100 SQ FT

**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° – 90°
AMBIENT TEMPERATURE	30° – 120°
SUBSTRATE TEMPERATURE	30° – 120°
MOISTURE CONTENT OF SUBSTRATE	Less than 19%
MAXIMUM LIFT PER PASS	Not to exceed 3"

### 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)
STORAGE STABILITY	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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