# ACCUF

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** ASTM D 1622 1.8-2.0 pcf **OPEN-CELL CONTENT** ASTM D 6226 <5% **DIMENSIONAL STABILITY** ASTM D 2126 <8.6% **TENSILE STRENGTH** ASTM D 1623 53.5 psi **COMPRESSIVE STRENGTH** ASTM D 1621 31.75 pcf **AIR PERMEANCE ASTM E 2178** < 0.02 SURFACE BURNING CHARACTERISITCS ASTM E 84 Class-1 ASTM E 970 **CRITICAL RADIANT HEAT FLUX** Pass WATER VAPOR PERMEANCE ASTM E 96 1.77 Perms at 1" **RE-ENTRY PERIOD** 4-Hours **RE-OCCUPANCY PERIOD** 24-Hours VISCOSITY-ISO AT 77F (CPS) 200 **VISCOSITY-RESIN AT 77F** 720

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

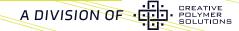
THERMAL BARRIER NFPA286

ТҮРЕ	WFT	WALL	CIELING	APPLICATION RATE
DC315	19 MIL MIN	5.5 INCH MAX	9.5 INCH MAX	.25 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

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### **TEMPERATURE GRADES**

REACTIVITES AVAILABLE	AMBIENT TEMPERATURE RANGE
SUMMER +	> 95°F
SUMMER	70°F – 95°F
REGULAR	50°F –70°F
WINTER	30°F – 50°F
POLAR	20°F – 35°F

### **APPLICATION PARAMETERS**

STORAGE TEMPERATURE	60° – 90°
AMBIENT TEMPERATURE	40° – 120°
SUBSTRATE TEMPERATURE	40° – 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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