

Accufoam® Spray Polyurethane Foam Insulation

PRODUCT SPECIFICATION SHEET

CREATIVE POLYMER SOLUTIONS ACCUFOAM PRODUCT DATA SHEET



PROPERTY	TEST METHOD	ACCUFOAM OC	ACCUFOAM CC
		VALUE	VALUE
R-VALUE @ 1"	ASTM C 518	3.7	6.5
R-VALUE @ 3.5"	ASTM C 518	13	23
CORE DENSITY	ASTM D 1622	0.5 pcf	2.0 pcf
OPEN-CELL CONTENT	ASTM D 6226	>90%	<5%
DIMENSIONAL STABILITY	ASTM D 2126	<-9.3%	<-8.6%
TENSILE STRENGTH	ASTM D 1623	4.2 psi	53.5 psi
COMPRESSIVE STRENGTH	ASTM D 1621	N/A	31.75 pcf
AIR PERMEANCE	ASTM E 2178	<0.02	<0.02
SOUND TRANSMISSION CLASS	ASTM E 90	38	N/A
NOISE REDUCTION COEFFICIENT	ASTM C 423	0.55	N/A
SURFACE BURNING CHARACTERISTICS	ASTM E 84	Class-1	Class-1
FLAME SPEED		<25	<25
SMOKE DEVELOPMENT		<450	<450
CRITICAL RADIANT HEAT FLUX	ASTM E 970	N/A	Pass
UNVENTED ATTIC ASSEMBLIES	Roof Deck (max):	18" max	N/A
	Roof Deck (min):	3" min	N/A
UNVENTED ATTIC ASSEMBLIES	AC456		
	Attic Walls (max):	18" max	N/A
	Attic Walls (min):	3" min	N/A
RE-ENTRY PERIOD		2-Hours	2-Hours
RE-OCCUPANCY PERIOD		6-Hours	6-Hours

	PRODUCT	LOCATION	MAXIMUM SPF THICKNESS (INCH)	MINIMUM THICKNESS (MILS)
ACCUFOAM OC				
IGNITION BARRIER-AC377				
	DC315	Vertical	8	4 WFT
	DC315	Horizontal	14	4 WFT
THERMAL BARRIER-NFPA 286				
	DC315	Horizontal	12	18 WFT
	DC315	Vertical	10	18 WFT

	PRODUCT	LOCATION	MAXIMUM SPF THICKNESS (INCH)	MINIMUM THICKNESS (MILS)
ACCUFOAM CC				
IGNITION BARRIER-AC377				
	FS-IB	Vertical	10	4 WFT
	FS-IB	Horizontal	15	4 WFT
THERMAL BARRIER-NFPA 286				
	DC315	Vertical	5.5	19 WFT
	DC315	Horizontal	9.5	19 WFT

ACCUFOAM OC				
TYPICAL LIQUID PROPERTIES				
PROPERTY	Temperature	ASTM Test	Value	Unit
VISCOSITY-A	77°F	ASTM D 2126	200	cps
VISCOSITY-B	77°F		320	cps
MIXING RATIO			1:01	By Volume
STORAGE STABILITY			6	Months
ACCUFOAM CC				
TYPICAL LIQUID PROPERTIES				
PROPERTY	Temperature	ASTM Test	Value	Unit
VISCOSITY-A	77°F	ASTM D 2126	200	cps
VISCOSITY-B	77°F		720	cps
MIXING RATIO			1:01	By Volume
STORAGE STABILITY			6	Months

Disclaimer: To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. User must contact Creative Polymer Solutions, LLC to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by Creative Polymer Solutions, LLC.