

Gaco Western

S I N C E 1 9 5 5

Product Data Sheet:

GacoPolyFoam CF200

February 2013

Supersedes 11/12

GacoPolyFoam™ SYSTEM CF200

DESCRIPTION

GacoPolyfoam™ System CF200 is a zero ozone depleting liquid pour system for general use in cavity fill applications. It is co-blown with HFC and water and cures to a low density rigid polyurethane closed cell foam.

This system is specially formulated to be free of scorch when poured in relatively large masses.

TYPICAL PHYSICAL PROPERTIES

Properties shown are for materials processed under laboratory conditions. The components were blended with a high speed mixer, poured into a container and cured at room temperature.

Property	Test Temp.	ASTM Test	Unit	Value (Est.)
Nominal Density: Poured-in-Place	77°F	D-1622-63	lbs/ft ³	1.9 – 2.1
Aged R Value	77°F	C-518-70	R = 1"	5.9
Compressive Strength: Parallel to Rise	77°F	D-1621-73	psi	33
Closed Cell Content	77°F	D-2856-70	% by vol.	90
Dimensional Stability: 28 Days	158°F (70°C) / 100% RH -13°F (-25°C) / Ambient RH	D-2126-66	% volume change	+3.9 +0.9
Recommended Constant Service Temp. Range			°F °C	-30°F to +200°F 34.4°C to 93.3° C



LIQUID CHEMICAL PROPERTIES

"A" Component contains polymeric isocyanate.

"B" Component contains polyols, surfactants, catalysts and blowing agents.

Property	Test Temp.	ASTM Test	Unit	Value
Viscosity: "A" Component "B" Component	77°F	D-2196-68	cps	200 450
Specific Gravity: "A" Component "B" Component	77°F	D-1638-70	S.G.	1.23 1.15
Weight per Gallon: "A" Component "B" Component	77°F		Lbs/gal	10.3 9.6
Mixing Ratio: "A" & "B" Component	77°F		by volume	1:1
Stability: When stored at 50°F to 70°F			months	"A" Component: 1 year "B" Component: 6 months

Processing Characteristics: Reactivity Times (Hand Mix)

Cream Time	Gel Time	Tack Free Time	Cure Time
25 - 30 sec.	110 - 120 sec.	180 - 210 sec.	4 hrs.

WARNING: The values presented above were derived from polyurethane foam which was adequately mixed and properly metered at the specific ratio. If the polyurethane foam is not adequately mixed and properly metered at the specified ratio, the resulting values will not conform to the listed specifications. Recommendations and safety considerations for application are outlined in the Gaco Western "Product/Application Guide".

WHEN EXPOSED TO OPEN FLAME, CURED POLYURETHANE FOAM WILL PRESENT A SERIOUS FIRE HAZARD.

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For specific Safety and Health information please refer to Material Safety Data Sheet.

