

Gemcolite® Wet Pack FG23-119

Gemcolite® Wet Pack FG23-119 Material Overview

Wet Pack FG23-119 **Gemcolite®** is Refractory Specialties Inc's formable insulation product. It is manufactured in a similar process to our **No-Smoke®** material, but uses a special wet-binding system that allows the board to be sealed without drying, shipped to a customer who then forms it to their application on-site, and either dries it in an oven or allows it to air dry while in service. This yields a rigid insulation shape, custom made to a customer's application, without machining. It retains all of the advantages of our **No-Smoke®** formula, and is available in a variety of sizes and thicknesses. Wet Pack FG23-119 is easily cut and formed using hand-tools. Each Wet Pack has an expiration date, after which the material may exhibit biological growth. It is typically 90 days after production. To answer any questions, or if you have special requirements that aren't covered by this product, call for our expert assistance at (330) 938-2101.

Gemcolite® Wet Pack FG23-119 Technical Information

<u>Property</u>	<u>Typical Results</u>
Density	18 to 22 lb/ft ³
Modulus of Rupture (MOR)	
Supplied	N/A
After First Use	70 lb/in ² , Minimum
Compressive Strength (10% Compression)	N/A
Maximum Use Temperature	2300° F
Suggested Use Temperature	2150° F
Melting Point	3260° F
Linear Shrinkage	
1800° F	1.50%
2300° F	5.50%
Thermal Conductivity	
600° F	0.55 Btu-in/hr/ft ² /°F
800° F	0.63 Btu-in/hr/ft ² /°F
1200° F	0.92 Btu-in/hr/ft ² /°F
1600° F	1.35 Btu-in/hr/ft ² /°F
2000° F	1.97 Btu-in/hr/ft ² /°F
Typical Chemical Analysis (After Use)	
SiO ₂	65 % (By Weight)
Al ₂ O ₃	35 % (By Weight)

Other Information

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