

# MWK-8208

## Thermal Millboard/Nonasbestos Millboard

### Description

MWK-8208 is a high density, high tensile strength millboard composed of inorganic fibers and fillers bound with a small amount of organic binder. It is intended for high temperature, metal-clad applications such as exhaust, intake, and head gaskets with maximum continuous operating temperatures up to 650°C (1200°F). Typical values are based on 1.6mm gauge material.

### Typical Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.36 (85)	ASTM F 1315
Compressibility, % (at 6.9MPa)	5 - 15	ASTM F 36
Recovery, %	40	ASTM F 36
Tensile Strength, AMD, MPa(psi)	2.76 (400)	ASTM F 152
Weight Loss on Ignition, % (at 538°C)	20	ASTM F 495
Thermal Conductivity, W/m.K	0.156 (at 260°C)	ASTM F 433

### Remarks and Related Documents

Typical values determined by the test methods required for ASTM F-104, Type 3 materials.

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For more information, please visit [www.InterfaceMaterials.com](http://www.InterfaceMaterials.com) or contact

WORLD HEADQUARTERS  
Interface Performance Materials, Inc.  
216 Wohlsen Way  
Lancaster, PA 17603  
USA  
+1.717.207.6000

TECHNICAL CENTER  
Interface Performance Materials, Inc.  
215 Wohlsen Way  
Lancaster, PA 17603  
USA  
AE@InterfaceMaterials.com  
+1.717.207.6000

NORTH AMERICA  
Interface Performance Materials, Inc.  
22260 Haggerty Road, Suite 200  
Northville, MI 48167  
USA  
+1.248.596.2800

ASIA PACIFIC  
Interface Sealing Solutions Shanghai Co., LTD  
Unit 14F, No. 728  
Yan An Road West, Changning District  
Shanghai 200050  
China  
+8621.5238.5650

INDIA  
Interface Performance Materials India LLP  
Mandkola Road, Vill. Atta, Sohna,  
Distt: Mewat, Nuh-122103 (Haryana)  
+91.0124.8930992166

EUROPE & SOUTH AMERICA  
Interface Sealing Solutions Europe  
Lili Pean, Le Bourg  
Bonloc 64240  
France  
+33.5.5929.1220

GERMANY  
Interface Performance Materials  
Altenkirchen GmbH  
P.O. Box 12 63  
Koblenzer Strasse  
Altenkirchen D-57610  
Germany  
+49.2681.80020