



MetaBlock®

Expansion Joint Fire Barrier

PRODUCT DESCRIPTION

MetaBlock® is a patented resilient fire barrier for use in horizontal and vertical applications that installs without mechanical fasteners. MetaBlock® is protected under US patents US 8,720,138 and US 8,601,760.

IDEAL FOR

- Use in conjunction with elastomeric seals where attachment with mechanical fasteners is not possible
- Applications requiring many transitions
- Wall and floor applications where a quick, simple installation is desired
- 1, 2, 3, or 4 hour fire-rated construction

PERFORMANCE

Joint Sizes

1" - 6" (25mm - 152mm) Maximum opening

Movement Capabilities

MetaBlock™ permits unrestrained movement of the joint without compromising the integrity of the barrier.

Expansion/contraction

Lateral and vertical shear
Contact factory for details

Per ASTM E1399

Fire resistance ratings

1, 2, 3, and 4 hours in accordance with ASTM E1966 and UL 2079.

ADVANTAGES

- Easy to install, splice, and transition
- Reduces installation costs
- Does not require mechanical fasteners, caulks, or sealants
- Contains no asbestos
- Contains no solvents or other hazardous ingredients
- May be used with a variety of joint cover systems and cover materials.

LIMITATIONS

- To be used only in assemblies that meet or exceed tested conditions.

ADDITIONAL DOCUMENTATION

- Product details
- Installation instructions
- U.L. listings
- ASTM E1399
- Warranty
- MSDS documentation
- LEED documentation

WARRANTY

Standard Warranty: 1 year

Optional Warranty: 5 years with Certified Installer

Sample warranty available upon request.

TECHNICAL DATA 07 95 13

MetaBlock® Expansion Joint Fire Barrier

Fire Barrier	Application	Fire Rating	U.L. Listings
MBF2H0125	FLOOR/ROOF	2 HOUR	FF-S-0035, FF-D-0059
MBF2H0238	FLOOR/ROOF	2 HOUR	FF-S-1038, FF-D-1071, FF-D-0066
MBF2H0350	FLOOR/ROOF	2 HOUR	FF-S-1038, FF-D-1071, FF-D-0078
MBF2H0450S	FLOOR/ROOF	2 HOUR	FF-S-1038, FF-D-1071, FF-D-0078
MBF2H0600	FLOOR/ROOF	2 HOUR	FF-D-1137, FF-D-1138, FF-D-1139, FF-D-1140
MBF3H0125	FLOOR/ROOF	3 HOUR	FF-D-1160
MBF3H0238	FLOOR/ROOF	3 HOUR	FF-D-1160
MBF3H0350	FLOOR/ROOF	3 HOUR	FF-D-0066, FF-S-1038, FF-D-1160 FF-D-1078
MBF3H0450S	FLOOR/ROOF	3 HOUR	FF-S-1038, FF-D-1160, FF-D-1078
MBF3H0600	FLOOR/ROOF	3 HOUR	FF-D-1137
MBF4H0125	FLOOR/ROOF	4 HOUR	FF-D-1161
MBF4H0238	FLOOR/ROOF	4 HOUR	FF-D-1161
MBF4H0350	FLOOR/ROOF	4 HOUR	FF-D-1161
MBF4H0450S	FLOOR/ROOF	4 HOUR	FF-D-1038, FF-D-1161, FF-D-1078
MBW2H0125	WALL	2 HOUR	WW-D-1076, WW-D-0050
MBW2H0238	WALL	2 HOUR	WW-D-0072, WW-D-1076, WW-D-1069
MBW2H0350	WALL	2 HOUR	WW-D-0071, WW-D-1076, WW-D-1069
MBW2H0450S	WALL	2 HOUR	WW-D-0071, WW-D-1076, WW-D-1069
MBW3H0125	WALL	3 HOUR	WW-D-1175
MBW3H0238	WALL	3 HOUR	WW-D-1175
MBW3H0350	WALL	3 HOUR	WW-D-1175
MBW3H0450S	WALL	3 HOUR	WW-D-1175
MBW4H0125	WALL	4 HOUR	WW-D-1176
MBW4H0238	WALL	4 HOUR	WW-D-1176
MBW4H0350	WALL	4 HOUR	WW-D-1176
MBW4H0450S	WALL	4 HOUR	WW-D-1176