

FB-Series

Description

The fire barrier (FB) system, has been tested to ensure compliance with various building design codes. The product carries ratings in compliance with U.L. testing as well as ISO Certification schedule for a two-hour rating.

The FB system is made from materials that retard the progress of flame and smoke. This system breaks the chain of the Fire Tetrahedron - i.e., the components necessary for a fire by removing the combustible products needed to support flame.

A significant advantage of this system over others is that the FB system has the ability to protect the application with a 50% lateral shear capacity.

Rolls of the product are accompanied by galvanized, bent metal flanges, which securely anchor the stainless steel and ceramic fiber fire blanket package.

LEED Credits - One (1) LEED credit depending on the location of the project.



Physical Properties

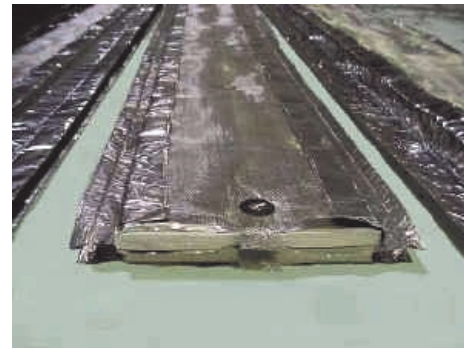
The system consists of a metallic carrier, which contains ceramic insulation materials. The carrier is made from thin stainless steel foils on the edges and a stainless steel screen in the center. The insulation assembly is clamped in place by the use of preformed 20-28 gauge galvanized steel flanges, which are screwed into the substrate.

Features and Benefits

Compatible – The system is adaptable to many applications and can be used with most of the EMS expansion joint products.

Easy to Install – The materials are packaged in a single unit, facilitating ease in placement.

Shear Capabilities – 50% expansion, contraction, and parallel, lateral shear movement capabilities is standard at no additional cost.



FLOOR	WALL	MIN. WIDTH IN (MM)	MID RANGE IN (MM)	MAX. WIDTH IN (MM)	TOTAL MOVEMENT IN (MM)
FB-100	FBW-100	0.75" (19.1)	1.00" (25.4)	1.25" (31.8)	0.50" (12.7)
FB-200	FBW-200	1.50" (38.1)	2.00" (50.8)	2.50" (63.5)	1.00" (25.4)
FB-300	FBW-300	2.25" (57.2)	3.00" (76.2)	3.75" (95.3)	1.50" (38.1)
FB-400	FBW-400	3.00" (76.2)	4.00" (101.6)	5.00" (127.0)	2.00" (50.8)
FB-500	FBW-500	3.75" (95.3)	5.00" (127.0)	6.25" (158.8)	2.50" (63.5)
FB-600	FBW-600	4.50" (114.3)	6.00" (152.4)	7.50" (190.5)	3.00" (76.2)
FB-800	FBW-800	6.00" (152.4)	8.00" (203.2)	10.00" (254.0)	4.00" (101.6)
FB-1000	FBW-1000	7.50" (190.5)	10.00" (254.0)	12.50" (317.5)	5.00" (127.0)
FB-1200	FBW-1200	9.00" (228.6)	12.00" (304.8)	15.00" (381.0)	6.00" (152.4)
FB-1400	FBW-1400	10.50" (266.7)	14.00" (355.6)	17.50" (444.5)	7.00" (177.8)
FB-1600	FBW-1600	12.00" (304.8)	16.00" (406.4)	20.00" (508.0)	8.00" (203.2)
FB-1800	FBW-1800	13.50" (342.9)	18.00" (457.2)	22.50" (571.5)	9.00" (228.6)
FB-2000	FBW-2000	15.00" (381.0)	20.00" (508.0)	25.00" (635.0)	10.00" (254.0)

