

FIRE BARRIER SYSTEMS

FB-Series



Description

The FB Fire Barrier 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.

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.



FB Fire Shield
**All Barriers Have 50%
 Movement in Expansion,
 Contraction, and Shear**

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.

Rated System – Underwriters Laboratories and ISO have certified this product for a two-hour rating.



Floor Fire Barrier	Wall Fire Barrier	Nominal Joint Width IN (MM)
FB-100	FBW-100	1.00" (25.4)
FB-200	FBW-200	2.00" (50.8)
FB-300	FBW-300	3.00" (76.2)
FB-400	FBW-400	4.00" (101.6)
FB-500	FBW-500	5.00" (127.0)
FB-600	FBW-600	6.00" (152.4)
FB-800	FBW-800	8.00" (203.2)
FB-1000	FBW-1000	10.00" (254.0)
FB-1200	FBW-1200	12.00" (304.8)
FB-1400	FBW-1400	14.00" (355.6)
FB-1600	FBW-1600	16.00" (406.4)
FB-1800	FBW-1800	18.00" (457.2)
FB-2000	FBW-2000	20.00" (508.0)