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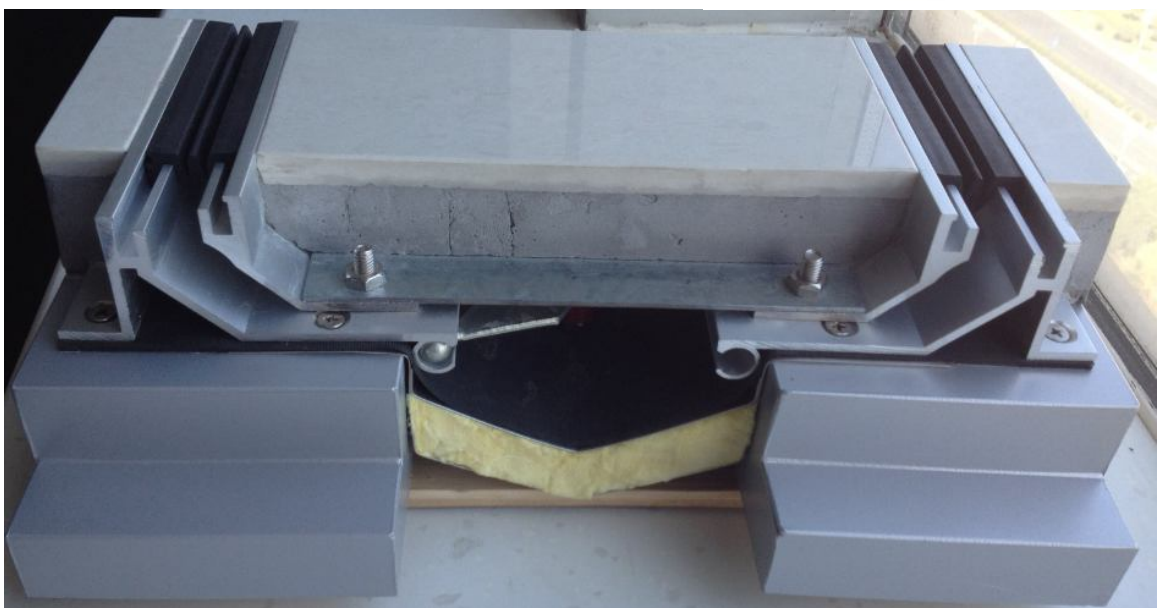
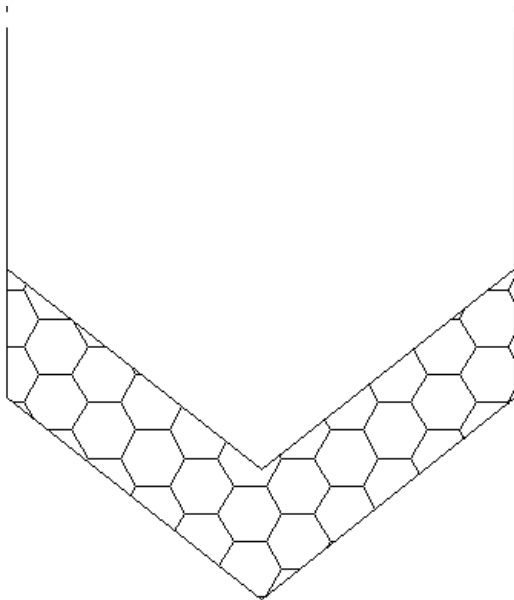
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## MS EXPANSION JOINT FIRE BARRIER SPEC DATA



## **Product Description:**

The MS Fire Barrier Protection System is an engineered high performance fire resistive system for sealing expansion joint openings.

The system is comprised of a flexible, high purity ceramic fiber blanket, galvanized steel foil and a matrix of fire resistive cloth as required to achieve a specified protection and endurance rating. System is secured top-down directly to the joint opening.

## **Basic Use:**

MSFB has been tested and proven to provide up to 2-hour fire endurance rating, minimize smoke passage and accommodate dynamic movement without degradation of the material.

## **FEATURES**

- Designed to provide the required fire endurance rating of 2 through 4 hours.
- Listed with an accredited independent laboratory.
- Accommodates dynamic movement without stress or degradation to its components.
- Minimizes passage of smoke.

## **SPECIAL FEATURES**

- Design compatible with most expansion joints.
- No fire resistive caulks required.
- Accommodates seismic lateral shear.

## **STORAGE & PROTECTION**

All materials should be stored in a completely dry location prior to use. Fire Barrier must be kept dry before, during and after installation.

## **LIMITATIONS**

- Expansion joint openings must be parallel and straight to achieve fire-resistive seal.
- Adjacent construction must have fire-resistive ratings equal to or greater than the rating of the fire barrier systems

## STORAGE & PROTECTION

All materials should be stored in a completely dry location prior to use. Fire Barrier must be kept dry before, during and after installation

## INSTALLATION

- Remove and repair all unsound concrete in and around the joint. opening. All spalls must be repaired with compatible patching material.
- Uncoil fire barrier and fold into a “U” shape configuration.
- Install fire barrier into expansion joint opening.
- Attach expansion joint system per Installation Guideline.
- Install anchors at specified intervals.

## SELECTION GUIDE

Model Number	Total Movement(mm)	Joint Opening (mm)		
		Min	Nominal	Max
MSFB25	25	25	25	50
MSFB50	50	25	50	75
MSFB75	77	38	75	115
MSFB100	104	51	100	155
MSFB125	127	64	125	191
MSFB150	153	76	150	229
MSFB175	178	88	175	266
MSFB200	203	102	200	305
MSFB300	305	152	300	457



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