metaFLEX® PRO

High-Performance Family of FIRE BARRIERS for Large Expansion Joints

- Single package portfolio
- Easy installation, intuitive splicing
- Movement up to 18” max open
- Test and listed in accordance with UL 2079 and ASTM E 1966
Introducing the industry’s highest-performing fire barriers for large expansion joints. Greatly improved over Balco's previous system, the MetaFlex 2000, these products significantly simplify the installation process, cutting installation time in half. With quality features and unique additions, these are ideal products for fire-rated seismic joints, surpassing fire resistance and movement testing requirements of test standards UL 2079 and ASTM E 1966.

- Bold single package with rigid side flanges serving to hold the fire barrier rigidly in place for a convenient drop-in installation
- Sides are lined with Metacaulk®’s BlazeSeal™ intumescent strips, entirely eliminating the need for laborious caulking of firestop sealant along the sides of the joint
- Comes standard with male/female ends for easy and intuitive lap splicing
Same great features and performance of the MetaFlex Pro with the extra addition of a mechanized flange along one side allowing for up to ±100-percent horizontal shear movement; designed for applications requiring lateral shear.

Similar features and performance of the MetaFlex Pro, yet mounted beneath the floor slab rather than above, for conditions with existing expansion joint covers, in-joint obstructions or chase walls preventing access from above; ideal for retrofit applications.
**APPLICATION**

- Fire-resistant barrier for horizontal expansion joints (up to 18” max open)

**FEATURES**

- Easy “drop-in” installation; no firestop sealant required
- Simple lap splicing
- Ships in 10’ (3m) lengths
- Doubles as smoke barrier
- Can be integrated with Balco Expansion Joint Systems

**PERFORMANCE**

- Fire resistance rating of 2 hours and 3 hours tested in accordance with ASTM E1966 and UL 2079
- BlazeSeal™ aging and environmental exposure tested in accordance with UL 1479
- Seismic, Thermal and Wind movement tested per standard ASTM E 1399
- Contributes to LEED® credits

**JOINT SIZES** *(nominal)*

- 6-12” (150-450mm)

**MOVEMENT**

- ±50% to ±100% Expansion/Contr.
APPLICATION
• Fire-resistant barrier for horizontal expansion joints (up to 18” max open)

FEATURES
• Easy “drop-in” installation; no firestop sealant required
• Simple lap splicing
• Slide mechanism permits horizontal shearing
• Ships in 10’ (3m) lengths
• Doubles as smoke barrier
• Can be integrated with Balco Expansion Joint Systems

PERFORMANCE**
• Fire resistance rating of 2 hours tested in accordance with ASTM E1966 and UL 2079
• BlazeSeal™ aging and environmental exposure tested in accordance with UL 1479
• Seismic, Thermal and Wind movement tested per standard ASTM E 1399
• Contributes to LEED® credits

JOINT SIZES (nominal)
6-12” (150-450mm)

MOVEMENT
±50% to ±100% Expansion/Contr.

±100% Lateral Shear
APPLICATION

• Fire-resistant barrier for horizontal expansion joints (up to 18” max open)

FEATURES

• Mounts to underside of floor slabs when access from above is limited
• Simple lap splicing
• Ships in 10’ (3m) lengths
• Doubles as smoke barrier
• Can be integrated with Balco Expansion Joint Systems

PERFORMANCE

• Fire resistance rating of 2 hours tested in accordance with ASTM E1966 and UL 2079
• BlazeSeal™ aging and environmental exposure tested in accordance with UL 1479
• Seismic, Thermal and Wind movement tested per standard ASTM E 1399
• Contributes to LEED® credits

JOINT SIZES (nominal)

6-12” (150-450mm)

MOVEMENT

±50% to ±100% Expansion/Contr.
APPLICATION

- Fire-resistant barrier for horizontal expansion joints (up to 36" max open)

FEATURES

- Easy end-to-end splicing
- Ships in 10' (3m) lengths

PERFORMANCE

- Fire resistance rating of 2 hours tested in accordance with ASTM E1966 and UL 2079
- Seismic, Thermal and Wind movement tested per standard ASTM E 1399
- Contributes to LEED® credits

JOINT SIZES (nominal)

6-24" (150-600mm)

MOVEMENT

±50% to ±100% Expansion/Contr.
MetaFlex® Pro - 2Hr

MetaFlex® Pro - 3Hr

MetaFlex® Pro Shear - 2Hr

MetaFlex® Pro Undermount - 2Hr