



SEISMIC JOINT SYSTEMS

**EXPANSION JOINT
ASSEMBLIES FOR SEISMIC
BUILDING CODES**

CONVERGE
SYSTEM

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Balco is a leading manufacturer of architectural products that promote life safety and building longevity. Established in 1957, Balco has had over 60 years of experience and steady growth, setting an industry benchmark in the global market.

Balco is committed to quality and safety, supporting our Certified ISO 9001 Quality Management System and in-house Underwriters Laboratories (UL) testing capabilities. Our high-performance products are designed to meet or exceed International Building Code (IBC) standards. Balco is also a member of the American Institute of Architects (AIA). Additionally, our products qualify for LEED® credits.

Balco is located in the heartland of America: Wichita, Kansas, USA.

CERTIFIED ISO 9001
Quality Management System



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SEISMIC JOINT SYSTEMS

The products in this family have been designed to accommodate the large joint sizes and wide ranges of movement required in locations of high seismic activity.

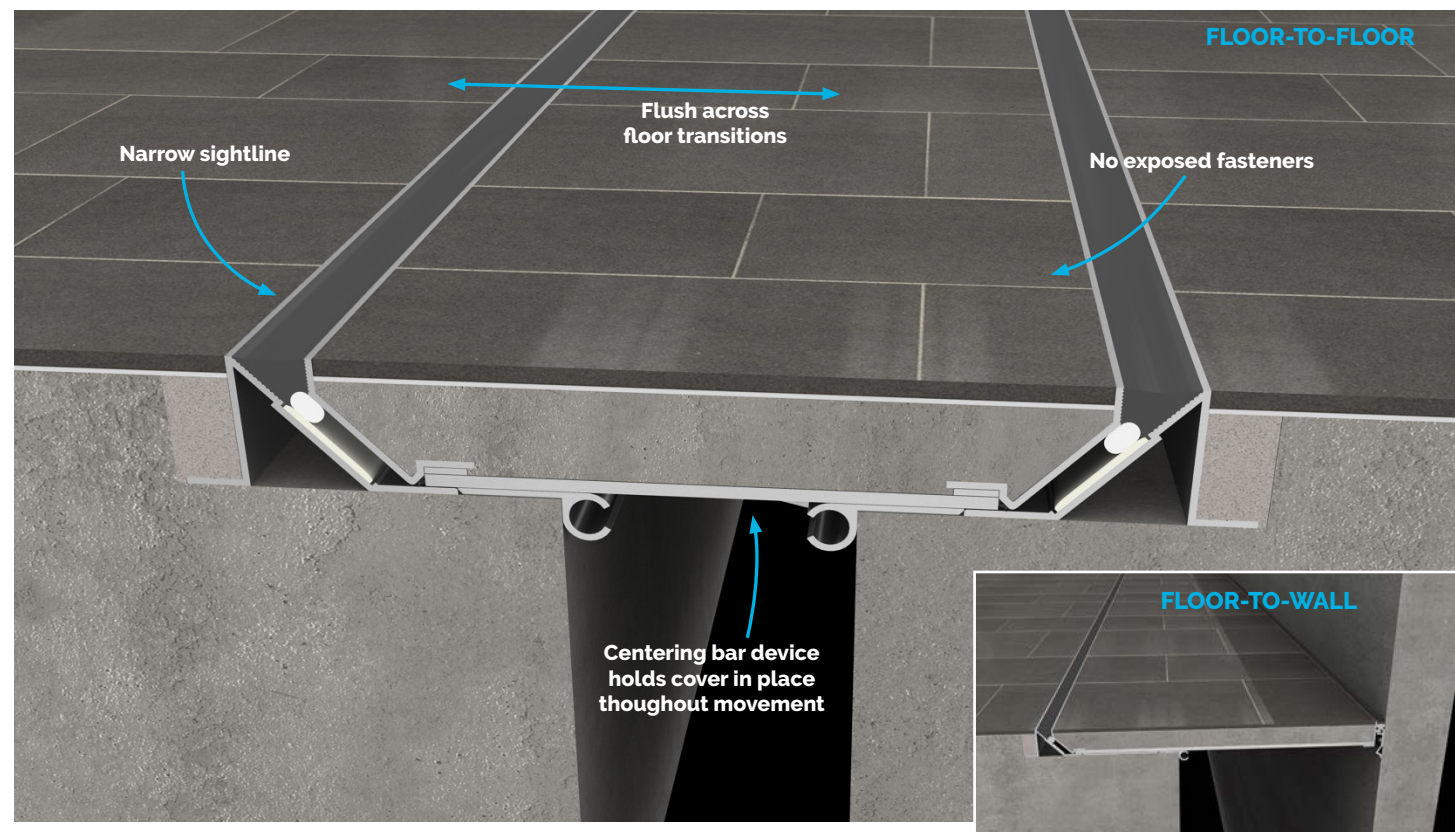
Their performance and aesthetics make them ideal for a wide variety of commercial buildings.

They have been rigorously tested to ensure they meet the highest standards for performance and safety.

LEARN MORE →

CONVERGE[™]

INTERIOR FLOOR SEISMIC EXPANSION JOINT SYSTEM



Deep, pan accommodates surrounding flooring within

Available from 2" to 24" nominal joint sizes

±50% to ±100% movement

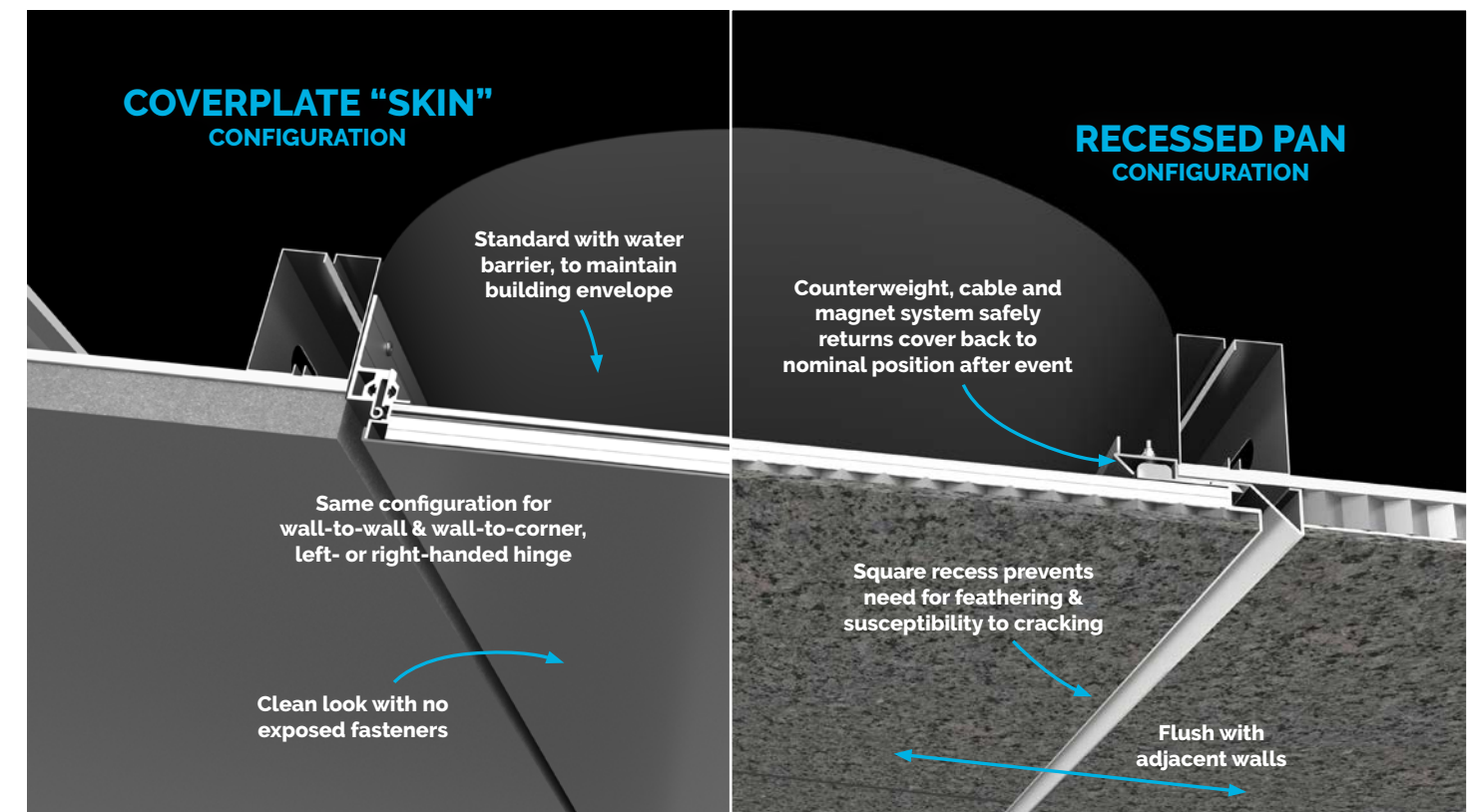
Heavy pedestrian load capacity

The ConVerge[™] System (PJC) is designed to discreetly blend in with a recessed center pan that is able to accommodate the material of the surrounding interior floor. The system is fabricated almost entirely from extruded aluminum, making it robust and capable of withstanding the rigors of heavy foot traffic, while sufficiently supporting brittle floor materials. The ConVerge System meets ADA guidelines for slip resistance. It is a perfect fusion of subtle and sturdy.

balco.us/pjc

CONCEAL[®] SERIES

EXTERIOR WALL SEISMIC EXPANSION JOINT SYSTEM



Modular system, adaptable to various configurations

Available from 8" to 36" nominal joint sizes

±50% to ±100% movement

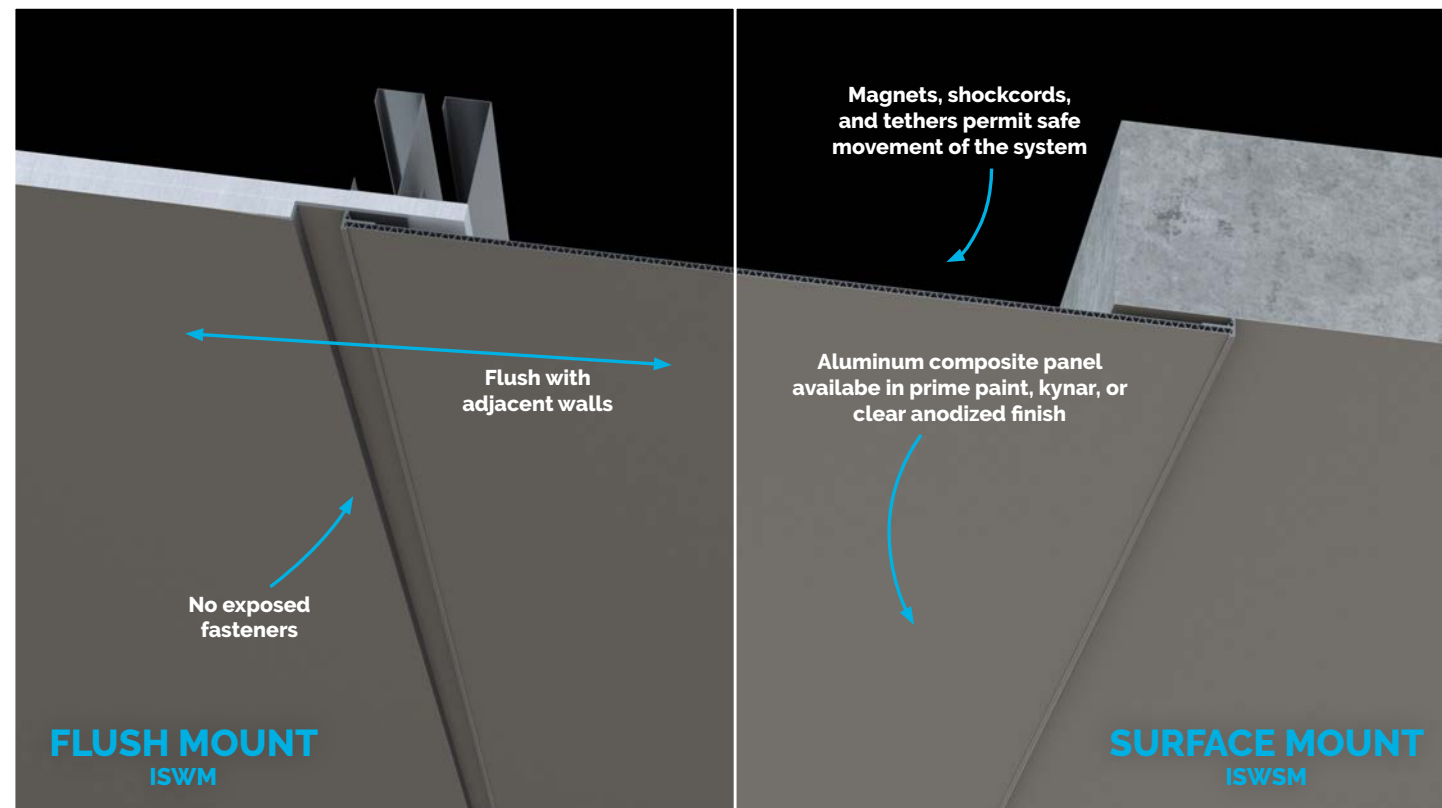
Labor-saving design

The ConCeal[®] Series (PSWX) is exactly what the name implies: concealment. This modular design has multiple finish options that can blend with adjacent surfaces to successfully conceal exterior expansion joints. The system is adaptable to accept infill materials or be plate-wrapped around the surface for a clean look with no exposed fasteners. All configurations of the ConCeal Series are skillfully engineered to permit movement without damage to cover, mechanics, or surrounding walls.

balco.us/pswx0

TRIMLINE[™] SYSTEM

INTERIOR WALL & CEILING SEISMIC EXPANSION JOINT SYSTEM



**Thin, lightweight,
durable panel**

**Available from 4" to 36"
nominal joint sizes**

Multi-axis movement

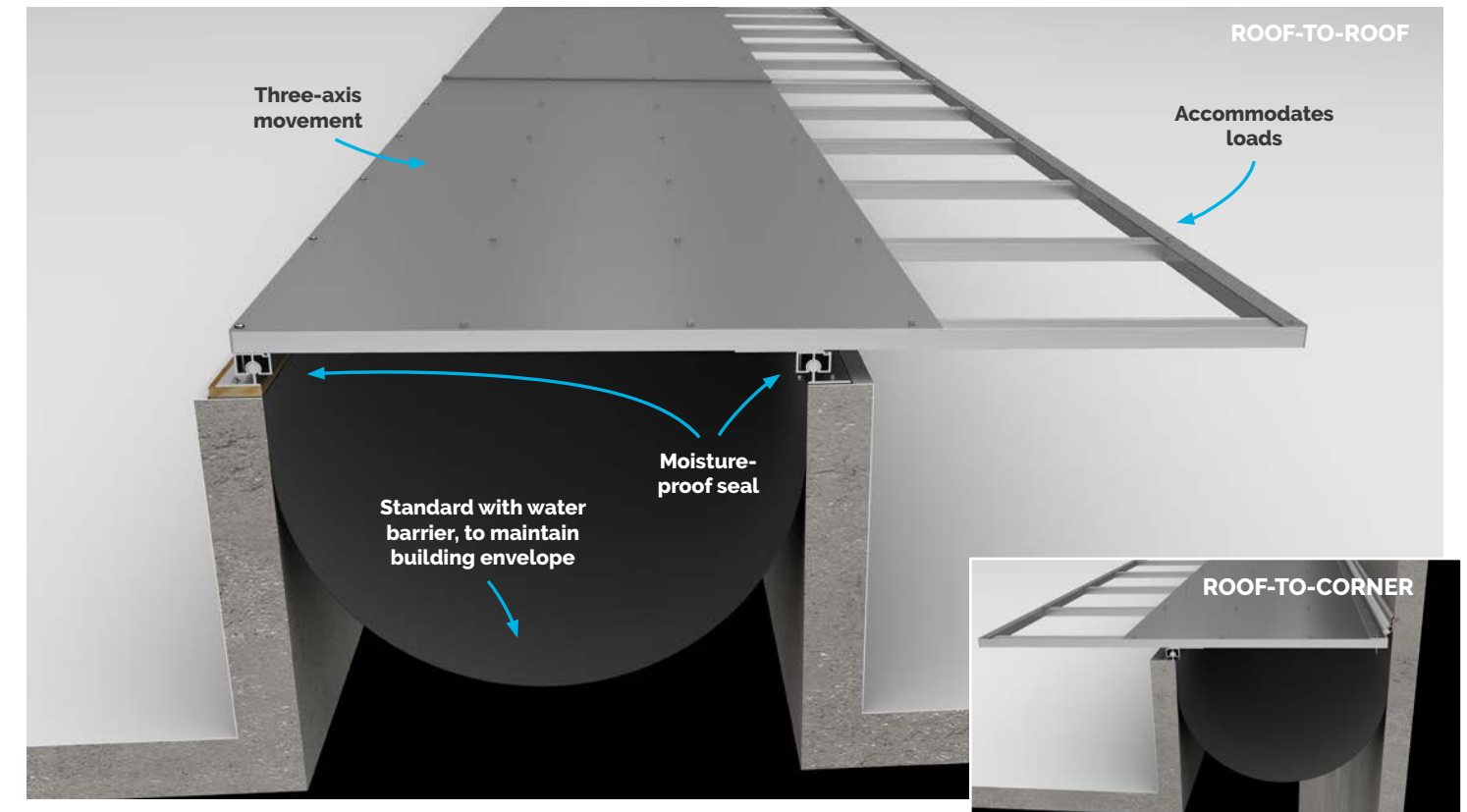
**Available in surface mount
configuration**

The TrimLine[™] System (ISWM/ISWSM) provides interior wall and ceiling seismic expansion joints with a clean and discreet aesthetic that easily blends into surrounding construction. Everything about the TrimLine System is designed to be inconspicuous: low profile, narrow channels for micro movement, no exposed fasteners, flush cover, and a lightweight, durable aluminum composite panel that is easy to install and available in a variety of finishes. This assembly is skillfully engineered to be economical yet high-performing, simple yet safe.

balco.us/iswm

ECLIPSE[™] SYSTEM

ROOF SEISMIC EXPANSION JOINT SYSTEM



Load-bearing, durable cover

**Available from 12" to 36"
nominal joint sizes**

Multi-axis movement

Easy assembly & installation

The Eclipse[™] System (TRX) is a large seismic roof expansion joint system with an aluminum frame and plate construction that withstands loads from snow, wind, and even maintenance foot traffic (as per standard ASCE 7). Easy to assemble and install, the Eclipse System includes a watertight seal that ensures no drips, leaks, or seepage. The Eclipse System provides full-range, multi-directional movement.

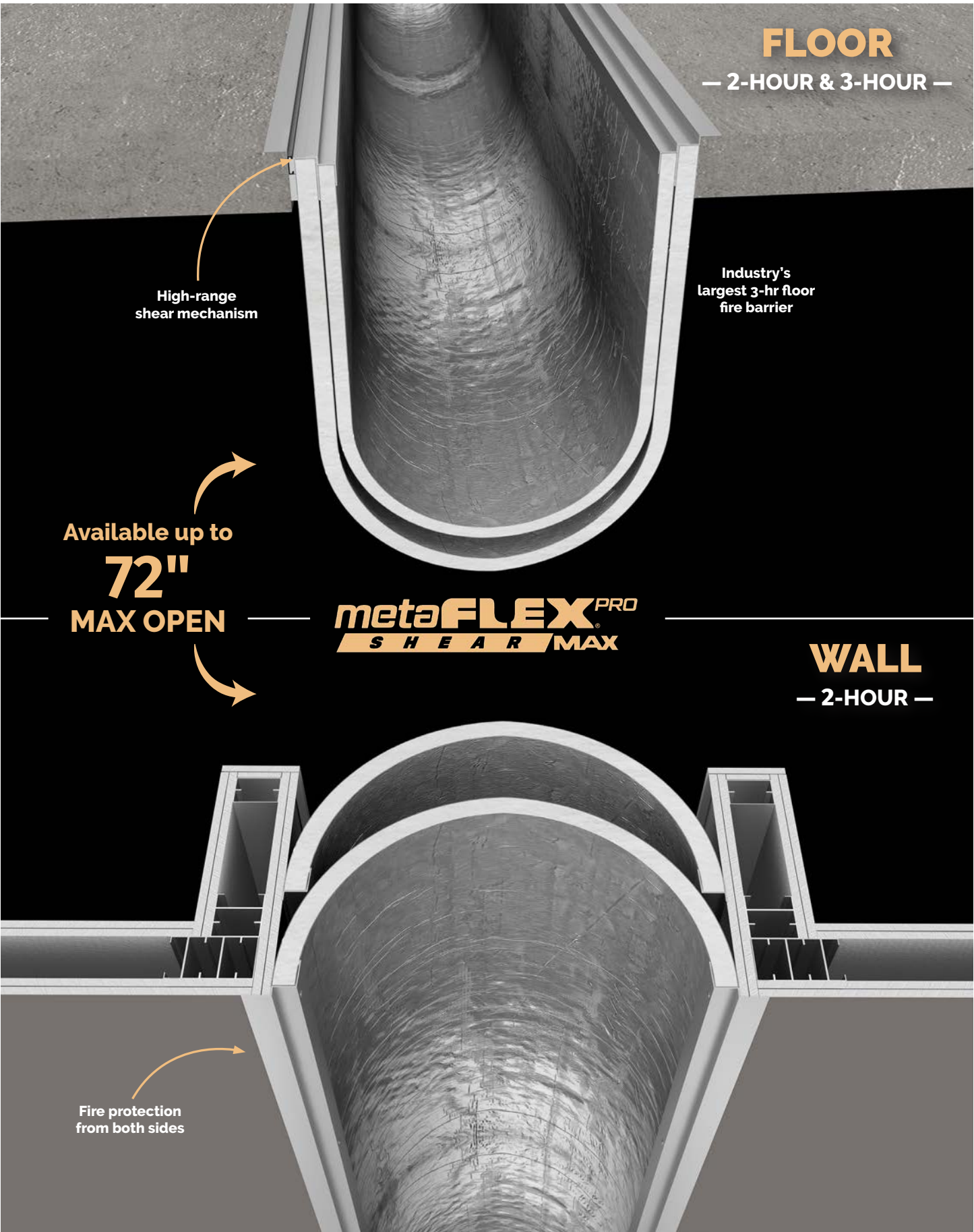
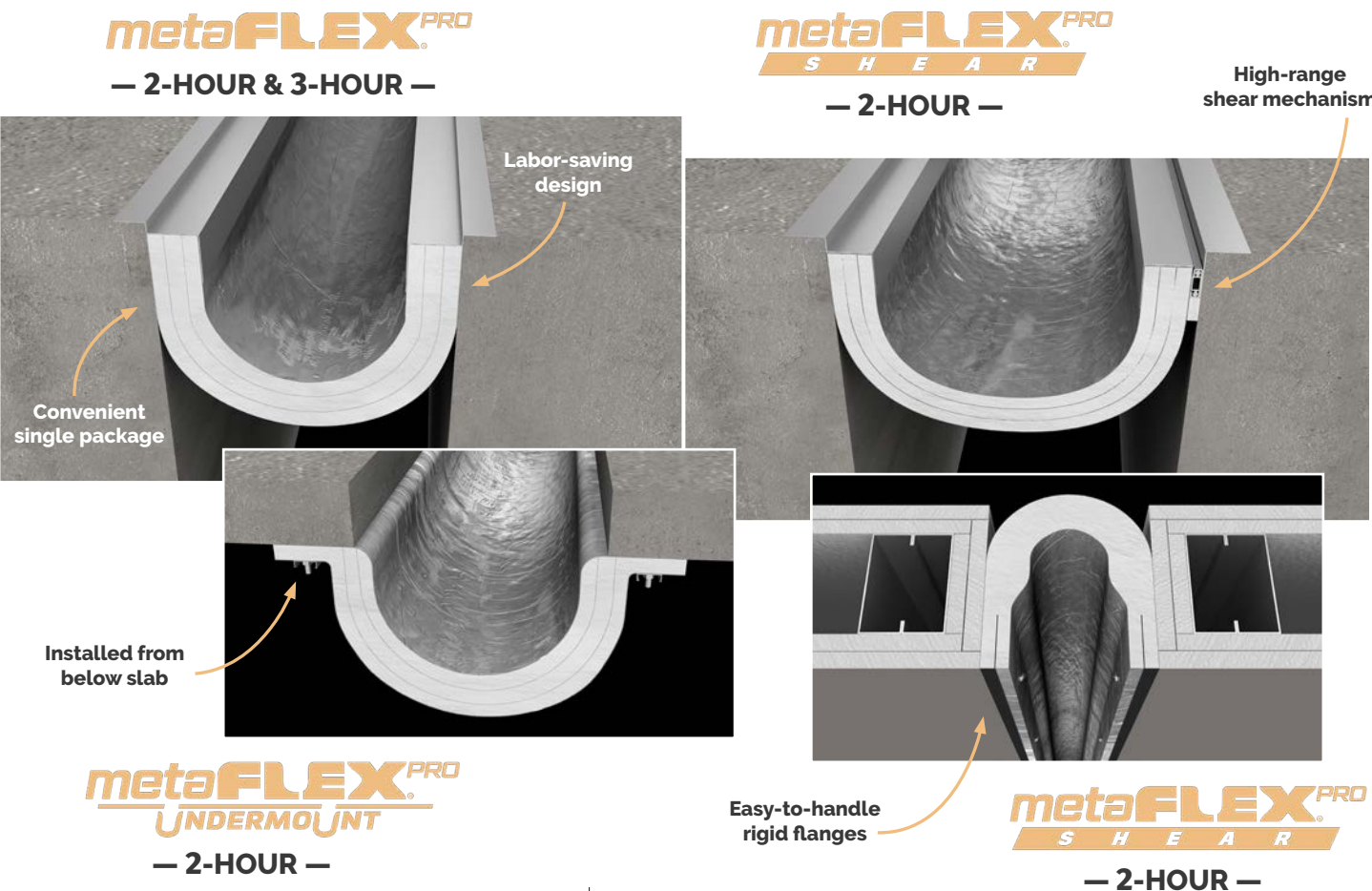
balco.us/trx

metaFLEX^{PRO}

SEISMIC FIRE BARRIER FAMILY FOR LARGE EXPANSION JOINTS

The MetaFlex[®] Pro family is the industry's highest-performing fire barriers for large joints. Developed to support easier installation of seismic, fire-rated assemblies, the MetaFlex Pro family is unequalled in bold, simplified, time-saving installation and splicing. All MetaFlex Pro Fire Barriers have a fire resistance rating that is tested and listed in accordance with ASTM E1966 and UL 2079. The standard MetaFlex Pro is available as a convenient, single, drop-in package, with a variation for mounting inside

the joint and a variation for mounting beneath the floor slab (MetaFlex Pro Undermount). The MetaFlex Pro Shear has the addition of a mechanism for applications requiring higher lateral shear capacity. The largest fire barriers available in the MetaFlex Pro family (and two of the largest on the market) are the MetaFlex Pro Shear MAX for the floor and for the wall. These systems open to a maximum size of 72 inches, ideal for locations with high seismic activity and seismic building codes.



SEISMIC EXPANSION JOINT SYSTEMS:

ConVerge™ System (PJC)

ConCeal® Series System (PSWX)

Eclipse™ System (TRX)

TrimLine™ System (ISWM/ISWSM)

Learn more: balco.us/seismicejc

SEISMIC FIRE BARRIERS:

MetaFlex® Pro (MP) Series

Learn more: balco.us/seismicfb



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CERTIFIED ISO 9001
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