BALCO®
A CSW Industrials Company

QUAKESPAN

SEISMIC & BASE ISOLATION JOINT SYSTEMS™



EXPANSION JOINT ASSEMBLIES BUILT FOR SEISMIC & BASE ISOLATED PERFORMANCE AND DESIGN

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QUAKESPAN SEISMIC & BASE ISOLATION JOINT SYSTEMS FACADE
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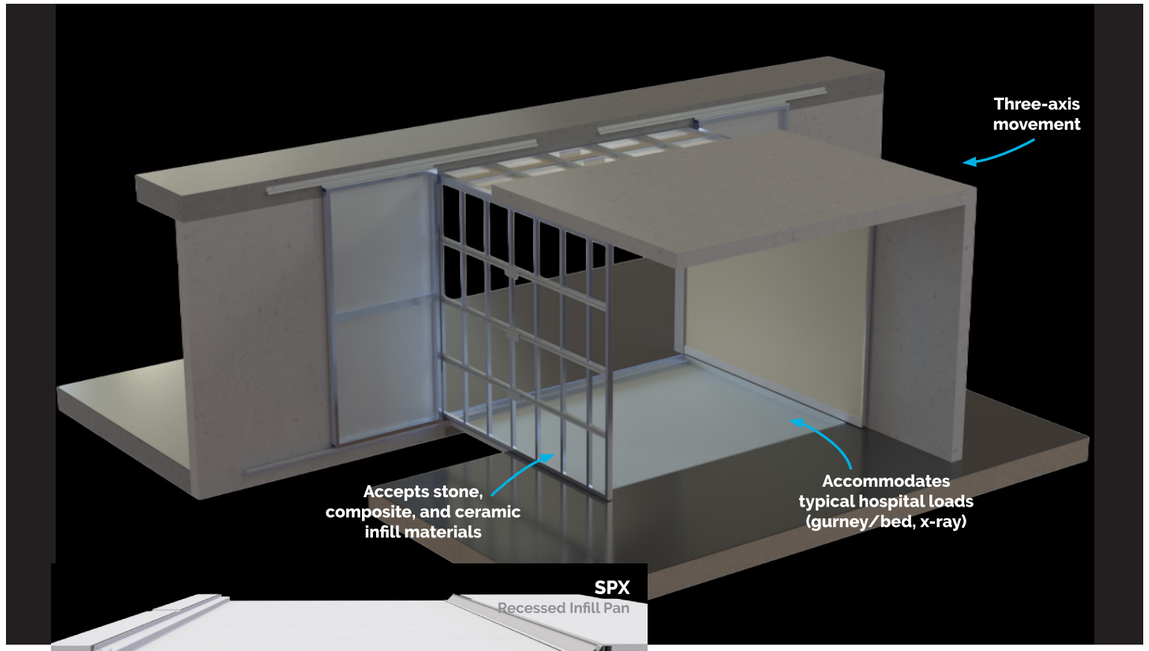
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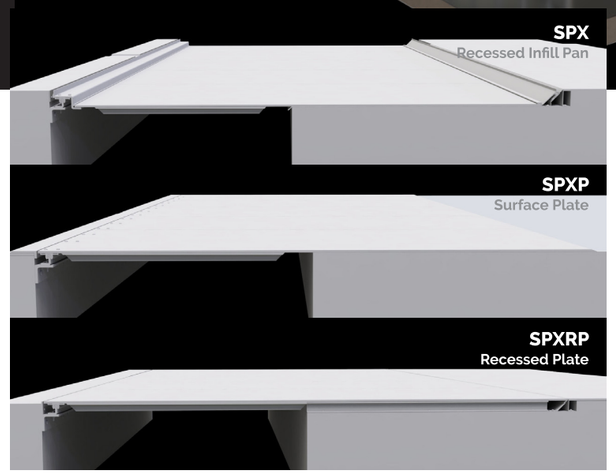
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QUAKESPAN
SEISMIC & BASE ISOLATION JOINT SYSTEMS
PORTALS

PORTAL
SEISMIC EXPANSION JOINT SYSTEM



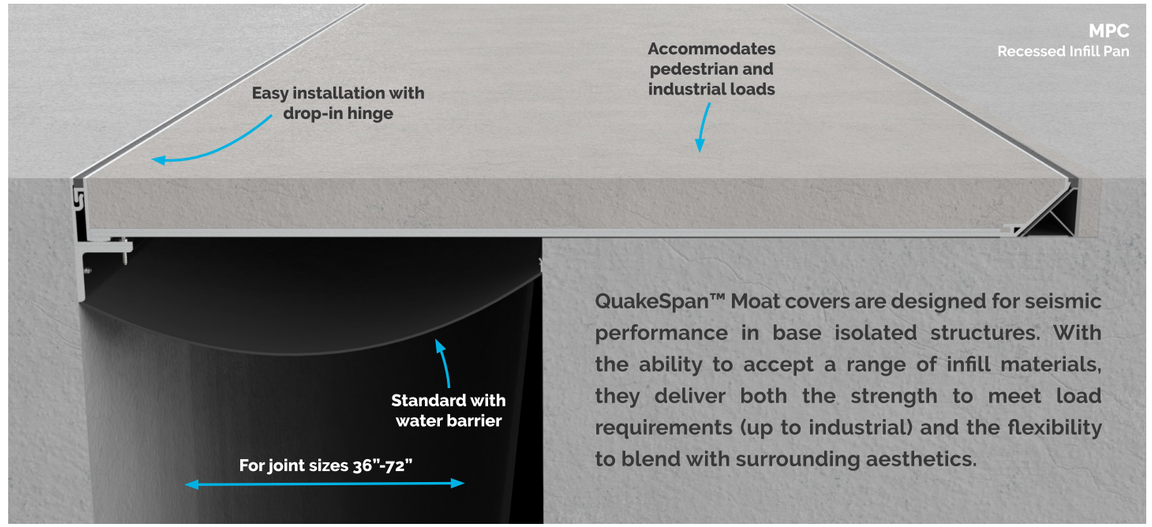


QuakeSpan™ Portals (SPX, SPXP, and SPXRP) provide safe ingress and egress in base isolated structures, blending seamlessly into surrounding walls and floors while allowing for unlimited width and accommodating full 3-axis seismic movement.

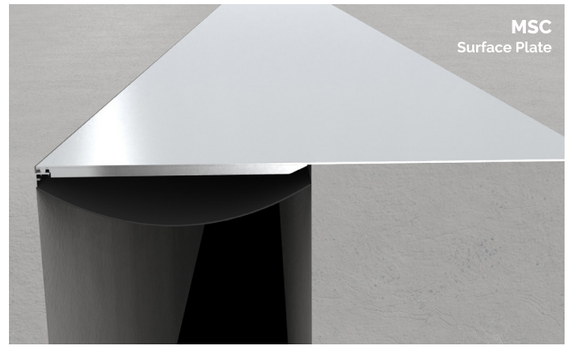
balco.us/spx

QUAKESPAN
SEISMIC & BASE ISOLATION JOINT SYSTEMS
MOATS

MOAT
SEISMIC EXPANSION JOINT SYSTEM



QuakeSpan™ Moat covers are designed for seismic performance in base isolated structures. With the ability to accept a range of infill materials, they deliver both the strength to meet load requirements (up to industrial) and the flexibility to blend with surrounding aesthetics.



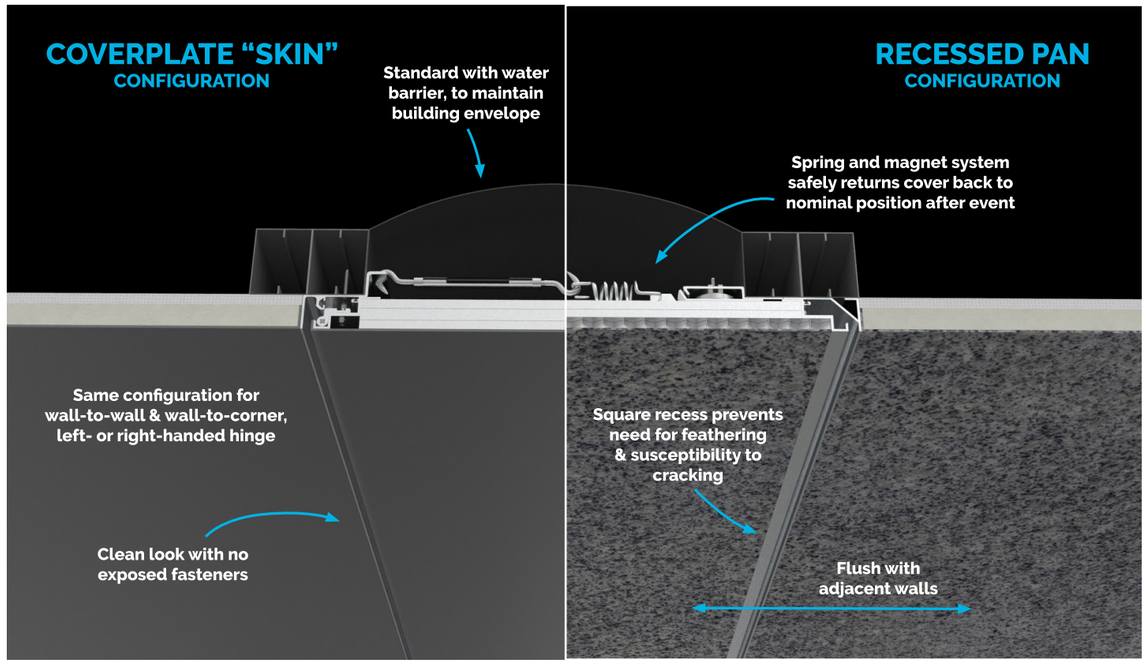


balco.us/moats

QUAKESPAN
SEISMIC & BASE ISOLATION JOINT SYSTEMS
FACADE

EXTERIOR WALL

SEISMIC EXPANSION JOINT SYSTEM



Modular system, adaptable to various configurations

Available from 8" to 48" nominal joint sizes

±50% to ±100% movement

Labor-saving design

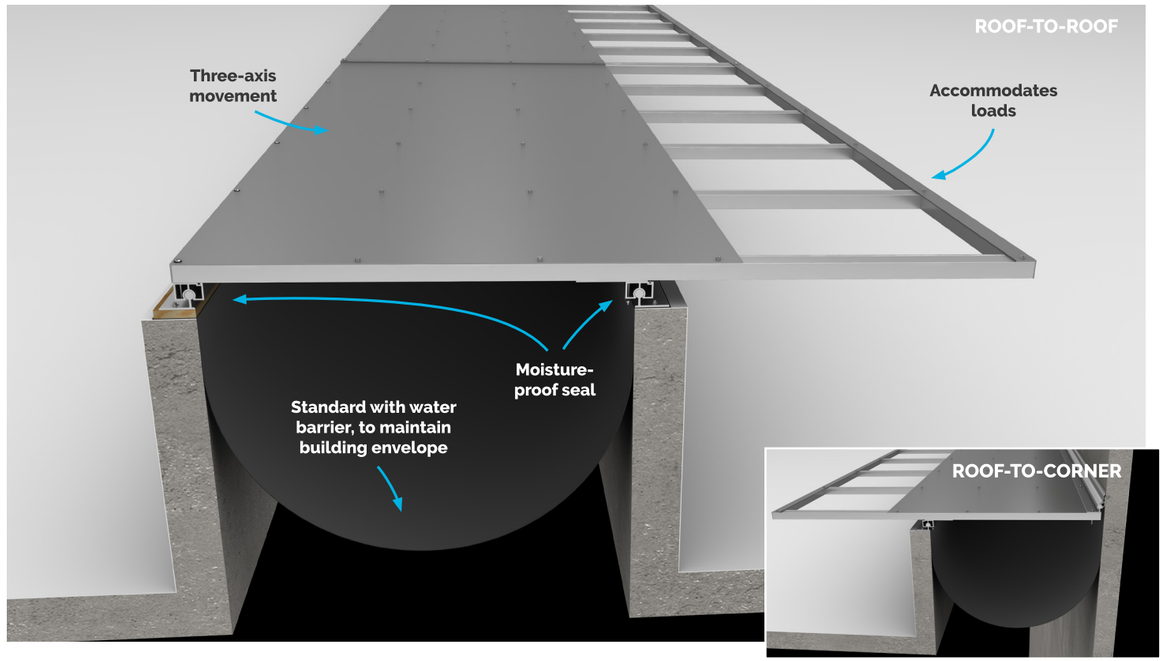
The QuakeSpan™ Facade Series features a modular design with multiple finish options that can blend with adjacent surfaces to successfully conceal exterior expansion joints. The system is adaptable to accept infill materials or be plate-wrapped around the surface for a clean look with no exposed fasteners. All configurations of the QuakeSpan™ Facade Series are skillfully engineered to permit movement without damage to cover, mechanics, or surrounding walls.

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QUAKESPAN
SEISMIC & BASE ISOLATION JOINT SYSTEMS
ROOF

ROOF

SEISMIC EXPANSION JOINT SYSTEM



Load-bearing, durable cover

Available from 6" to 36" nominal joint sizes

Multi-axis movement

Easy assembly & installation

The QuakeSpan™ Roof 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 QuakeSpan™ Roof System includes a watertight seal that ensures no drips, leaks, or seepage. The QuakeSpan™ Roof System provides full-range, multi-directional movement.

balco.us/trx

metaFLEX PRO®

SEISMIC FIRE BARRIER FAMILY

FOR LARGE EXPANSION JOINTS

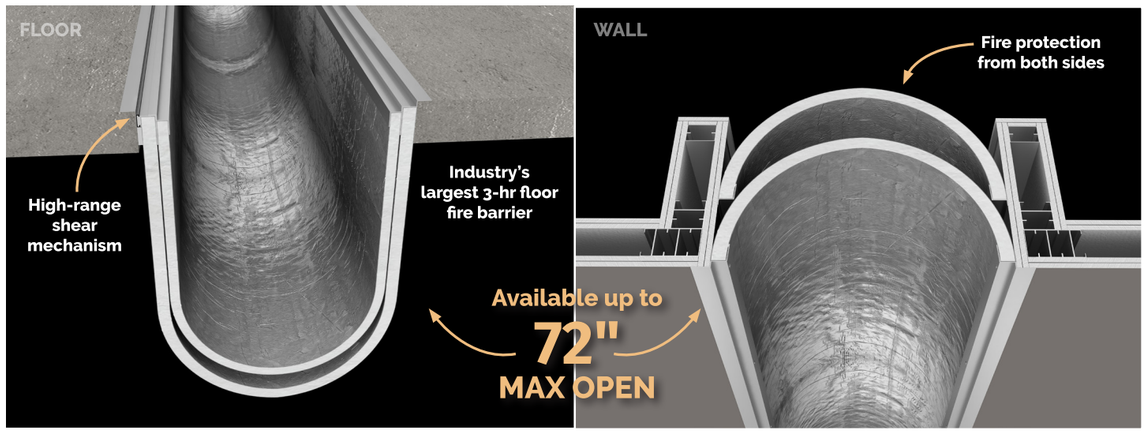
The MetaFlex® Pro family is the industry's highest-performing fire barriers for large joints. Developed to support easier installation of seismic, fire-rated assemblies, the MetaFlex Pro family is unequaled in bold, simplified, time-saving installation and splicing. All MetaFlex Pro Fire Barriers have 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.

metaFLEX PRO SHEAR MAX

— 2-HOUR & 3-HOUR —

metaFLEX PRO SHEAR MAX

— 2-HOUR —



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metaGUARD

THERMAL VAPOR BARRIER

PREVENTS AIR AND WATER INTRUSION
AND
PROVIDES THERMAL INSULATION

AVAILABLE WITH R RATINGS **R13 AND R30**

UP TO **±100%** EXPANSION & CONTRACTION

TESTED TO:
ASTM E283 AIR
ASTM E330 STRUCTURAL
ASTM E331 WATER
ASTM E1399 SEISMIC
ASTM G155 UV

UP TO **36"** MAX OPEN

EASY TO INSTALL
WITH SELF-ADHESIVE MASTIC TAPE INSTANTLY ADHERING THE BARRIER IN PLACE AND PROVIDING A WATERTIGHT SEAL

LAP JOINTS AT SPLICES
(NO PRIMERS OR GLUES NEEDED)

BALCO.US/MGTV

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QuakeSpan

SEISMIC & BASE ISOLATION JOINT SYSTEMS™

The QuakeSpan™ family of products supports both the performance demands of base-isolated structures and the architectural vision of the project.

These solutions provide reliable protection and seamless design for hospitals, airports, and other critical facilities with seismic movement.

QuakeSpan™ Moats (MPC, MSC, MSCH)

QuakeSpan™ Portals (SPX, SPXP, SPXRP)

QuakeSpan™ Facade Series (PSWXM)

QuakeSpan™ Roof System (TRX)

MetaFlex® Pro (MP) Series

MetaGuard™ System

Learn more:
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CERTIFIED ISO 9001
Quality Management System

LEED CERTIFIED 2017

Balco®, Inc. Wichita, Kansas 67219 Phone 316.945.9328 800.767.0082 balcousa.com

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