



EXPANSION JOINT SYSTEMS AND FIRE & WEATHER BARRIERS



DISTRIBUTOR

QUICK REFERENCE GUIDE

Spec Section 079500



Expansion Joint Cover Systems AND Fire & Weather Barriers

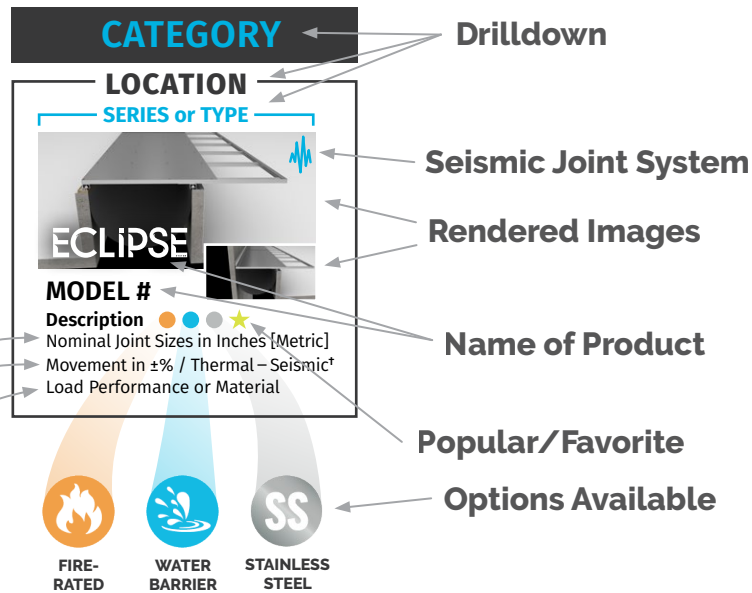
- Covers blend in with surroundings
- Restrict the spread of smoke & fire
- Accommodate building movement
- Meet recognized building codes
- Meet the highest test standards

Scan for more:



balco.us/ejc

HOW TO USE THIS QUICK REFERENCE GUIDE:



HOW TO SELECT A EXPANSION JOINT SYSTEM:

- 1 Joint Context (Floor, Wall, Ceiling, etc.)
- 2 Expected Joint Size & Movement
- 3 Interior & Exterior Considerations
- 4 Load Capacity
- 5 Fire-rating Considerations
- 6 Placement & Adjacent Construction
- 7 Aesthetics

*Thermal, wind sway & seismic is defined as per standard ASTM E1399.

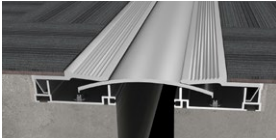
*Not every option within a series is necessarily available. Exceptions may apply. Corner options available for most systems. Larger widths may be available for some systems (contact Balco directly to inquire). Visit [balcousa.com](https://www.balcousa.com) for additional details, including load performance, color options and test data.

NOTE: All information is up-to-date through 3/1/24. Balco may make additions, deletions or modifications to products and content since this date. Visit [balcousa.com](https://www.balcousa.com) for the latest information.

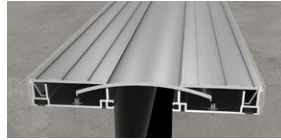


INTERIOR FLOORS

GLIDE PLATE SERIES



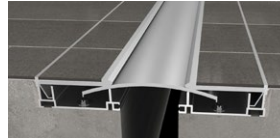
6FC ● ● ● ●
Carpet Recessed
1-2" [25-50mm]
±50% to ±100%
/ Seismic
Pedestrian



6FVC
Corner
1-2"

6FS ● ● ● ●
Grooved
1-2" [25-50mm]
±50% to ±100% / Seismic
Pedestrian

6FVS
Corner
1-2"



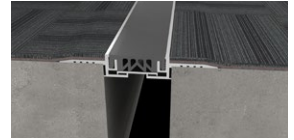
6FTP ● ● ● ●
Tile Recessed
1-2" [25-50mm]
±50% to ±100% / Seismic
Pedestrian

6FVTP
Corner
1-2"



NBAF ● ● ● ● ★
Smooth
1-2" [25-50mm]
±50% to ±100%
/ Seismic
Pedestrian

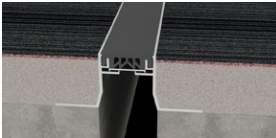
NBAFL
Corner
1-2"



75FCE ●
Carpet Surface Mount
1-2" [25-50mm]
±25% / Thermal
Pedestrian

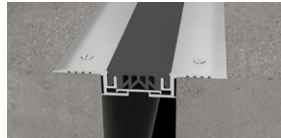
75FCVE
Corner
1-2"

ELASTOMERIC SEAL SERIES cont.



75FP ●
Recessed Mount
1-2" [25-50mm]
±25% / Thermal
Pedestrian

75FVP
Corner
1-2"



75FPE ●
Smooth Surface Mount
1-2" [25-50mm]
±25% / Thermal
Pedestrian

75FVPE
Corner
1-2"



75FTE ●
Tile Surface Mount
1-2" [25-50mm]
±25% / Thermal
Pedestrian

75FVTE
Corner
1-2"



BHS ●
Hinge
2-6" [50-150mm]
±50% / Seismic
Slow Vehicular

BHSL
Corner
2-6"



EXF ● ●
Tile
1-2" [25-50mm]
±50% to ±100%
/ Seismic
Pedestrian

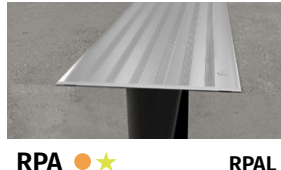
EXFL
Corner
1-2"

SURFACE PLATE SERIES cont.



EXBF ● ● ●
Smooth
1-2" [25-50mm]
±50% to ±100% / Seismic
Pedestrian

EXBFL
Corner
1-2"



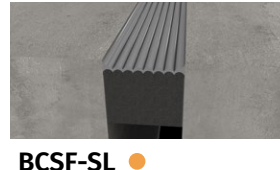
RPA ● ● ★
Serrated Plate
1-4" [25-200mm]
±50% to ±100% / Seismic
Pedestrian

RPAL
Corner
1-4"



GF-P ●
Surface Mount Plate
2" [50mm]
±50% / Seismic
Pedestrian

GC
Corner
2"

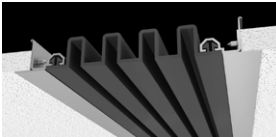


BCSF-SL ●
Pre-compressed Primary Seal
0.5-6" [13-150mm]
±50% / Seismic
Slow Vehicular



INTERIOR WALLS & CEILINGS

FACE SEAL SERIES



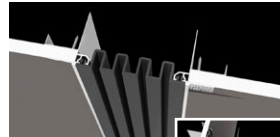
ACVS
Flush Acoustical
Ceiling
2-5" [50-125mm]
±100% / Seismic

ACVSC
Corner
2-5"



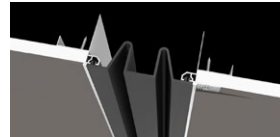
ACWW
Flush Acoustical
Ceiling
2-4" [50-100mm]
±50% / Seismic

ACWC
Corner
2-5"



GCVS ●
Surface Mount Wall
2-5" [50-125mm]
±100% / Seismic

GCVSC
Corner
2-5"



GCWW ●
Surface Mount Wall
2-5" [50-125mm]
±50% / Seismic

GCWC
Corner
2-5"



TCWW ● ● ★
Flush Wall
2-5" [50-125mm]
±50% / Seismic

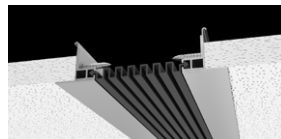
TCWWE
Corner
2-4"

FACE SEAL SERIES cont.



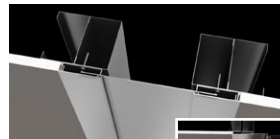
TCVS ●
Flush Wall
2-5" [50-125mm]
±100% / Seismic

TCVSE
Corner
2-4"



AC
Accordion Acoustical
Ceiling
1-3" [25-75mm]
±100% / Seismic

ACL
Corner
1-3"



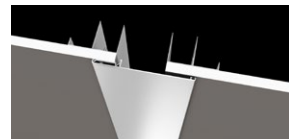
6GW ● ● ● ●
Recessed
1-4" [25-200mm]
±50% to ±100%
/ Seismic

6GWC
Corner
1-4"



6TW ● ● ● ●
Surface Mount
1-4" [25-200mm+]
±50% to ±100% / Seismic

6TWC
Corner
1-4"



WD ● ● ● ● ★
Snap-on
1-4" [25-100mm]
±50% / Seismic

WDC
Corner
1-4"

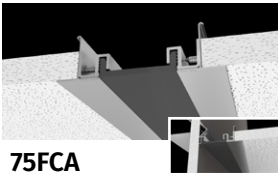
GLIDE PLATE SERIES

SURFACE PLATE



INTERIOR WALLS & CEILINGS cont.

ELASTOMERIC SEAL SERIES



75FCA

Acoustical Ceiling
1-2" [25-50mm]
±25%
/ Thermal

75FCAC

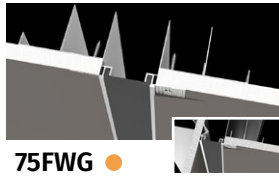
Corner

1-2"

75FCACE

Corner

1-2"



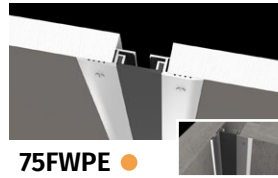
75FWG

Drywall
1-2" [25-50mm]
±25% / Thermal

75FWGC

Corner

1-2"



75FWPE

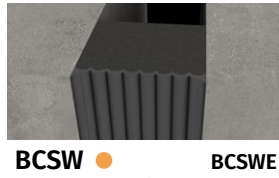
Surface Mount
Smooth
1-2" [25-50mm]
±25% / Thermal

75FWVPE

Corner

1-2"

FOAM SEAL



BCSW

Pre-compressed
Primary Seal
0.5-12" [13-300mm]
±50% / Seismic

BCSWE

Corner

0.5-10"

ACOUSTICAL JOINT

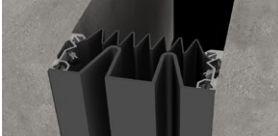


BQSWA/E

Acrylic (and Wax) Foam
1-6" [25-150mm]
Thermal Expan./Contr.

EXTERIOR WALLS & ROOFS

ELASTOMERIC SEAL - WALL



FCWW

Flush Wall
2-5" [50-125mm]
±50% / Seismic
Santoprene or Silicone

FCWWE

Corner

2-6"



FCVS

Flush Wall
2-5" [50-125mm]
±100% / Seismic
Santoprene or Silicone

FCVSE

Corner

2-5"

METAL COVER - WALL/ROOF



9W

Surface Mount
2" [50mm]
±50% to ±100% / Seismic

9WC

Corner

2"

METAL PLATE - ROOF



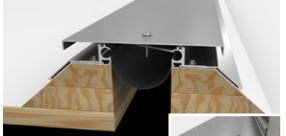
FR

Straight Curb
2" [50mm]
±50% to ±100%
/ Seismic

FRE

Corner

2"



LPR

Canted Curb
2" [50mm]
±50% to ±100%
/ Seismic

LPRE

Corner

2"

FIRE BARRIERS



FLOORS

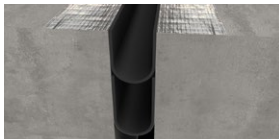
METABLOCK



MetaBlock® (MBF2H)

2 Hour
1-4" [25-100mm]
±50% to ±100% / Seismic

METAMAT



MetaMat™ (MF2H)

2 Hour
3" [75mm]
±50% to ±100% / Seismic

MFV2H

Corner

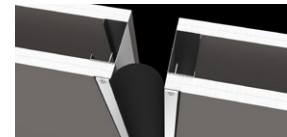
FIRE-RATED FOAM



FR Pre-compressed Foam (2FRBCSF-SL, 3FRBCSF-SL)

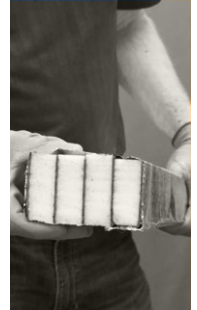
2-3 Hour
0.5-5" [12.5-125mm]
±25% to ±50% / Seismic
Single & two-sided Silicone

SmokeBlock



Smoke & Water Barrier (EJSB)

6-24" [150-600mm]
±50% to ±100% / Seismic



Weather Barriers

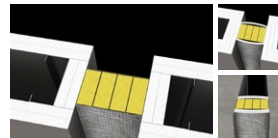


MetaGuard Water Barrier (WB)

1-24" [25-600mm]
±50% to ±100% / Seismic

WALLS

METABLOCK



MetaBlock® (MBW2H)

2 Hour
1-4" [25-100mm]
±50% to ±100% / Seismic

METAMAT



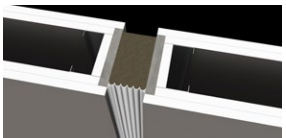
MetaMat™ (MW2H)

2 Hour
3" [75mm]
±50% to ±100% / Seismic

MCW2H

Corner

FIRE-RATED FOAM



FR Pre-compressed Foam (2FRBCSW, 3FRBCSW)

2-3 Hour
1-6" [25-150mm]
±25% to ±50% / Seismic
Single & two-sided Silicone



EXPANSION
JOINT
SYSTEMS



ACOUSTICAL
JOINTS &
PARTITION
CLOSURES



FIRE
BARRIERS



METACAULK®
FIRESTOPPING



STAIR
NOSINGS



MATS &
GRIDS



TRENCH
& ACCESS
COVERS



ILLUMITREAD™
EGRESS

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