



A CSW Industrials Company

HDNB and HDNBL Floor Expansion Joint Covers



PRODUCT DESCRIPTION

Heavy duty floor expansion joint cover with extruded aluminum side frames and an aluminum cover plate held in place with a seismic centering device.

IDEAL FOR

- Applications where heavy loading is expected

PERFORMANCE

Joint Sizes

1" - 8" (25mm - 203mm)

Loading



Pedestrian



Gurney/Bed



X-Ray



Floor sweeper



Passenger cart



Pallet jack (5500lb capacity)*



Scissor lift*

For detailed load information, refer to Balco Load Data Sheet, available online. Contact factory for analysis of project-specific load cases.

Movement Capabilities:

Permits unrestrained movement of the joint without disengagement of the cover.



Expansion/contraction



Vertical shear



Vertical shear
Contact factory for details



Per ASTM E1399

SEISMIC THERMAL WIND

ADA Compliant

MATERIALS

- Aluminum extrusions: 6005A-T6, ASTM B221
- Aluminum extrusions: 6063-T5, ASTM B221
- Aluminum Plate: 6005A-T6, ASTM B209
- Aluminum Plate: 5052-H32, ASTM B209
- Standard fasteners provided for assembly and installation
- All surfaces in contact with masonry or concrete will be protected by a factory-applied coating.

ADVANTAGES

- Capable of heavy duty loading
- Minimal bump

OPTIONS

- Fire barrier
- Water barrier

LIMITATIONS

- Provided in 10'-0" (3048mm) maximum lengths

FINISH

Mill finish aluminum

RELATED PRODUCTS

- SM and SML Systems
- SMPQ and SMPQL systems
- SWPQ and SWPQL systems

*Excludes joints over 6" (152mm)

TECHNICAL DATA 07 95 00

HDNB and HDNBL Floor Expansion Joint Covers

ADDITIONAL DOCUMENTATION

- Product details
- Installation instructions
- Maintenance and cleaning
- ASTM E1399
- Warranty
- SDS documentation
- LEED documentation

WARRANTY

Standard Warranty: 1 year

Optional Warranty: 5 years with Certified Installer

Sample warranty available upon request.

