



MM[®] SNB Series Expansion Joint

Seismic No-Bump Slide Plate System

SPECO DATA
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DESCRIPTION

The SNB Series is designed for wide expansion joint openings in climate controlled interior building applications with the ability to accommodate heavy loading and multi-directional seismic movement. Recessed extension plates allow the seismic slide plate to remain flush with finished floor surface. A seismic centering device with impact dampers and displacement springs allow the slide plate to displace and return to its natural position after a seismic occurrence. The moisture barrier in conjunction LokCrete Elastomeric Concrete enhances waterproofing capability.

BASIC USE

SNB is a traffic bearing expansion joint for convention centers, concourse areas and other interior building structures requiring seismic movement capability. Contact MM for SSP Series exterior design, SSS Series stainless steel cover design and STS surface mounted cover design.

FEATURES

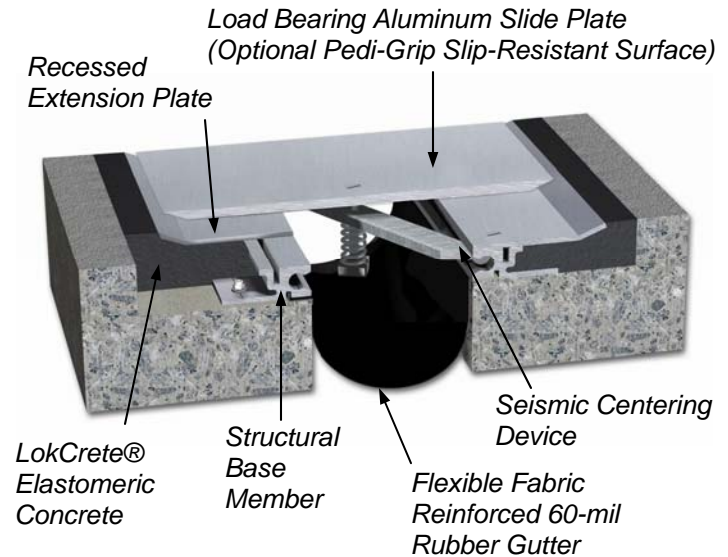
- For wide joints with multi-directional seismic movement in climate controlled environments.
- AASHTO HS-20 load carrying capability.
- Heavy-duty aluminum base members with interlocking frame design insures proper alignment.
- Fabric reinforced rubber gutter provides added moisture protection.
- Recessed extension plates allow for a smooth floor-to-floor no-bump transition.
- Complies with ADA guidelines.

SPECIAL FEATURES

- Solid aluminum seismic centering device with dynamic load impact damper. (Not plastic)
- LokCrete[®] - hard, elastic, abrasion resistant embed material that flexes with floor loads.
- Fire Barriers - MM expansion joint systems are available with 2 - 4 hour fire protection ratings.

STORAGE

- LokCrete should be stored in a cool, dry location 60-80°F (15-27°C).



SEISMIC CENTERING DEVICE

Structural bar, solid aluminum ball ends, impact damper and adjustable single or dual tension springs.

PACKAGING

Aluminum extrusion in 10-foot lengths shipped on wooden pallets. LokCrete is supplied in pre-measured Part A, B and C components. Accessories packaged in cardboard cartons.

PRECAUTIONS

LokCrete - Use splash goggles and chemical resistant gloves to avoid prolonged or repeated skin contact. Use with adequate ventilation. In case of eye contact, immediately flush (low pressure) with lukewarm water. In case of skin contact, immediately wash skin with soap and water. Read and follow labels and Material Safety Data Sheet before use.

LIMITATIONS

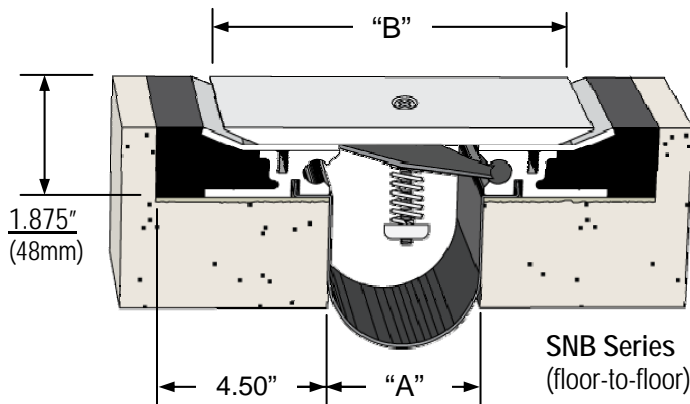
- Concrete blockouts must be properly formed, finished and have sound substrate.
- Joints exposed to fork truck traffic must be engineered for greater impact loads – contact MM Systems.

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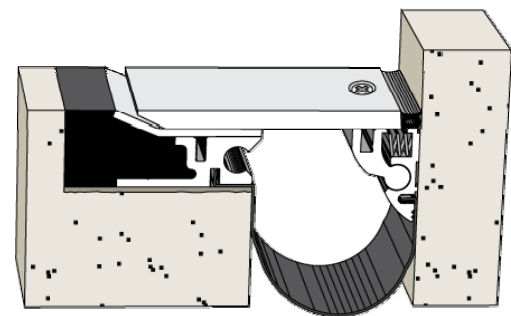
SELECTION GUIDE

Model Number	Seismic Movement		Thermal Movement		Joint Opening "A"								Slide Plate "B"			
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Nominal	Minimum	Maximum	Minimum	Maximum					
SNB-400	5.0	127	0.75	19	1.00	25	3.625	92	4.0	102	4.375	111	6.0	152	12.00	305
SNB-600	8.0	203	0.75	19	1.00	25	5.625	143	6.0	152	6.375	162	9.0	229	14.00	356
SNB-800	11.0	279	0.75	19	1.00	25	7.625	194	8.0	203	8.375	213	12.0	305	16.00	406
SNB-1000	14.0	356	0.75	19	1.00	25	9.625	244	10.0	254	10.375	264	15.0	381	18.00	457
SNB-1200	17.0	432	0.75	19	1.00	25	11.625	295	12.0	305	12.375	314	18.0	457	20.00	508
SNB-C-400	3.25	83	0.376	10	1.75	44	3.812	97	4.0	102	4.188	106	5.0	127	7.50	191
SNB-C-600	5.75	146	0.376	10	1.75	44	5.812	148	6.0	152	6.188	157	7.5	191	9.50	241
SNB-C-800	8.25	210	0.376	10	1.75	44	7.812	198	8.0	203	8.188	208	10.0	254	11.50	292
SNB-C-1000	10.75	273	0.376	10	1.75	44	9.812	249	10.0	254	10.188	259	12.5	318	13.50	343
SNB-C-1200	13.25	337	0.376	10	1.75	44	11.812	300	12.0	305	12.188	310	15.0	381	15.50	394

Dimensions are shown in **inches** (bold) and millimeters. Contact MM Systems for larger sizes.



SNB Series
(floor-to-floor)



SNB - C Series
(floor-to-wall)

LIMITED WARRANTY

MM Systems warrants the MM Seismic No-Bump Slide Plate System to be free of defects in material and conform to technical data listed. We make no warranty as to color or appearance. Since methods of application can affect performance and on site conditions are beyond our control, MM Systems makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. MM Systems sole obligation shall be, at its option, to replace, or to refund the purchase price of the quantity of system proved to be defective. In no event shall MM Systems be liable for any special, incidental, consequential, loss of profits or punitive damages. Other warranties may be available when installed by a MM Certified Contractor.

INSTALLATION

- 1) Remove and repair all unsound concrete in and around the blockout. All spalls must be repaired with compatible patching material.
- 2) Prepare substrate by sandblasting. The blockout must be clean and dry prior to installation of LokCrete Elastomeric Concrete (blockout filler).
- 3) Install base member with expansion anchor (if used in conjunction with LokCrete) or epoxy set anchors.
- 4) Mask-off top of deck parallel with edge of blockout and top of aluminum base member.
- 5) Backfill blockout with infill material (LokCrete recommended) up to the height of the base member.
- 6) Immediately attach extension plates (remove duct tape).
- 7) Install seismic centering devices and slide plate with impact dampener.
- 8) Torque hardware per the SNB Installation Guideline.
- 9) Refer to the SNB Installation Guideline for detailed step-by-step instructions.

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Spec Data