



Silica Global

**EXPANSION
JOINT COVERS**

Technologies for Advance Construction



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Technologies for Advance Construction

Silica Group offer extensive variety of Expansion Joints is manufactured utilizing premium nature of materials to assimilate the warmth instigated development. In this way, these joints keep the development or withdrawal of different development material utilized as a part of various ventures. In addition, the joints are implied for retaining abundance vibration, holding diverse parts and give simple development happen because of ground settlement of quake. By making utilization of processing plant tried crude materials, most solid machines and bleeding edge innovation.

We are one of the leading manufacturer & service provider companies of expansion joint systems and water proofing of the structures and always offer you the best for this all the time. We always believe in offering the best quality service with total satisfaction of our clients and at very reasonable rates under their budget too, Some of the reasons for choosing us are:

- on time delivery
- Available at reasonable price rates
- Full Customer Satisfaction
- Best quality services with total assistance
- Well trained and well qualified
- Always get training according to the need of the market
- Quality Products

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Silica Global POP-UP Series

Heavyduty seismic pop-up system is a nearly invisible and capable of accommodating multi-directional seismic, vertical displacement and parallel lateral shear movement. The multifunction designs provide alignment for floor and corner conditions. Narrow sightlines in this system minimize the aesthetic disruption in the space.

Features :

- Modular pan design accommodates a variety of floor finishes.
- Flush, minimal sightline design.
- Thermal and seismic movement range designs.
- Deep Well Pan ideal for floor finishes with increased depth such as marble, granite, limestone and paver systems.
- Combined use of center turn bar and tapered frame components correctly reposition the pan after seismic movement.

Tender Language

Providing and fixing of SILICA Group designed expansion Joint system related with floor location as per drawings and other technical details, Expansion Joint system for joints up to 300 mm subject to high movements up to +30 mm suitable for pedestrian traffic areas. The system consists of a central box made of galvanized sheet, to be filled with reinforced concrete (thickness min. 40 mm) and flooring Exceeded the thermal movement the box rises by Two rubber gaskets. The Joints system will Featuring a centering bar and pop up arrangement system, System shall be Extruded anodized aluminum frame with reinforced wear resistance Offering serrated anti slip surface and beveled edges for pedestrian safety Ideal for high grade marble,granite,floor finishes Material shall confirm to ASTM 6063).

DETAILS :

MATERIAL : - 6063-T6 Aluminum
ASTM B221-02

FINISH : - Mill

MOVEMENT :-

» **Thermal :** - Horizontal and Vertical

» **Seismic :** - Lateral Shear

MOUNTING :- Block Out

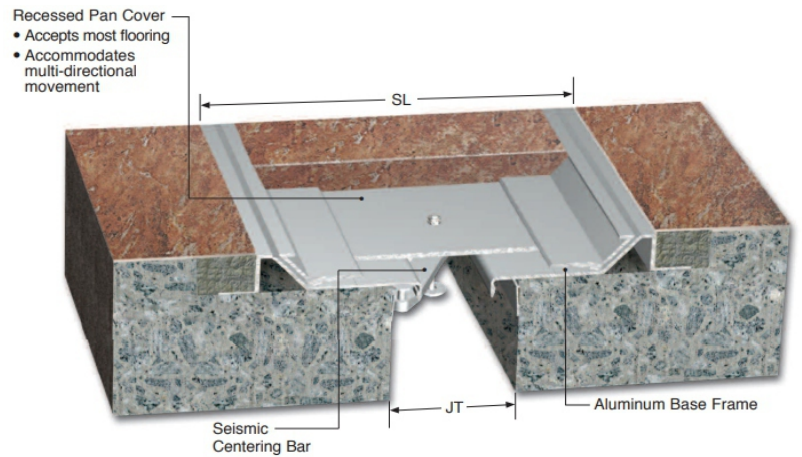
JOINT SIZE :- 6 inches to 20 inches

LENGTH :- 10 Linear Feet

LOAD :- Pedestrian and Light Cart

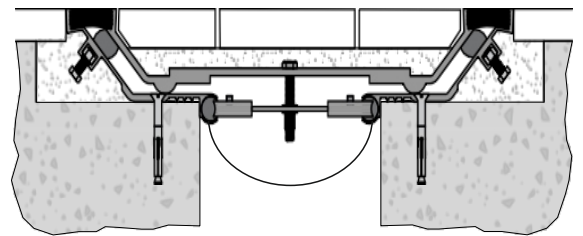
INSTALLATION :- Floor Only

OPTIONS :- Moisture Barrier, Fire Barrier



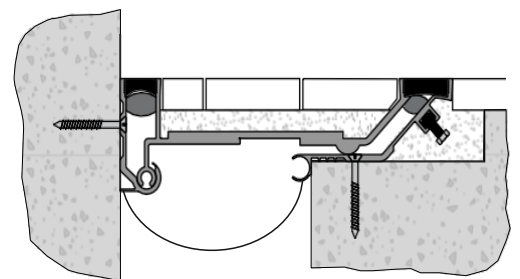
FLOOR-TO-FLOOR

MODEL	JOINT SIZE / WIDTH	SYSTEM WIDTH	TOTAL MOVEMENT
SG -POP -15F	6" (152mm)	14.88" (378mm)	7.75" (197mm)
SG -POP -20F	8" (203mm)	18.88" (480mm)	10.75" (273mm)
SG -POP -25F	10" (254mm)	20.88" (530mm)	13.75" (349mm)
SG -POP -30F	12" (305mm)	23.88" (607mm)	16.75" (425mm)
SG -POP -40F	16" (406mm)	29.88" (759mm)	22.75" (578mm)
SG -POP -45F	18" (457mm)	34.88" (886mm)	25.75" (654mm)
SG -POP -50F	20" (508 mm)	38.88" (987 mm)	28.75" (711mm)



FLOOR-TO-WALL/CORNER

MODEL	JOINT SIZE AT MEAN T°F	SYSTEM WIDTH	TOTAL MOVEMENT
SG -POP -15L	6" (152mm)	10.44" (265mm)	5.5" (140mm)
SG -POP -20L	8" (203mm)	13.44" (341mm)	8" (203mm)
SG -POP -25L	10" (254mm)	15.44" (392mm)	10.5" (267mm)
SG -POP -30L	12" (305mm)	17.94" (456mm)	13" (330mm)
SG -POP -40L	16" (406mm)	22.94" (583mm)	18" (457mm)
SG -POP -45L	18" (457mm)	26.44" (672mm)	20.5" (521mm)
SG -POP -50L	20" (508mm)	30.88" (784.3 mm)	28.75" (711mm)





Silica Global Heavy Duty Floor Cover Series

SG Heavy duty floor cover series provide seismic movement capability, durability and smooth transition for joint 4 inch and above. An integral moisture barrier keeps the weather out. It is designed for interior and exterior flooring to provide multi-directional movement. Design for easy on site installation.

Features :

- **FLUSH TO SURFACE** Designed with a smooth transition from deck to substrate.
- **WATER-RESISTANT** Engineered with an integrated moisture barrier for top quality water diversion with easy installation.
- **COORDINATING CORNERS** Available with corner option for a complete floor solution
- Available in aluminum (standard) and stainless steel covers.
- The Cover locking mechanism disengages during movement activities.

Tender Language - DSR Item no. 5.44

Providing and fixing of SILICA expansion joint system related with floor location as per drawings and direction of Engineer-In-Charge. The joints system will be of extruded aluminum base members, self aligning / self centering arrangement and support plates etc. as per ASTM B221-02. The system shall be such that it provides floor to floor /floor to wall expansion control system for various vertical location in load application areas that accommodates multi directional seismic movement without stress to it's components. System shall consist of metal profiles with a universal aluminum base member designed to accommodate various project conditions and finish floor treatments. The cover plate shall be designed of width and thickness required to satisfy projects movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self-centering arrangement that freely rotates / moves in all directions. The Self-centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. Provision of Moisture Barrier Membrane in the Joint System to have watertight joint is mandatory requirement all as per the manufactures design and as approved by Engineer -in- Charge. (Material shall confirm to ASTM 6063).



DETAILS :

MATERIAL :- 6063-T6 Aluminum
ASTM B221-02

FINISH :- Mill

MOVEMENT :-

» **Thermal :-** Horizontal and Vertical

» **Seismic :-**

MOUNTING :- Block Out

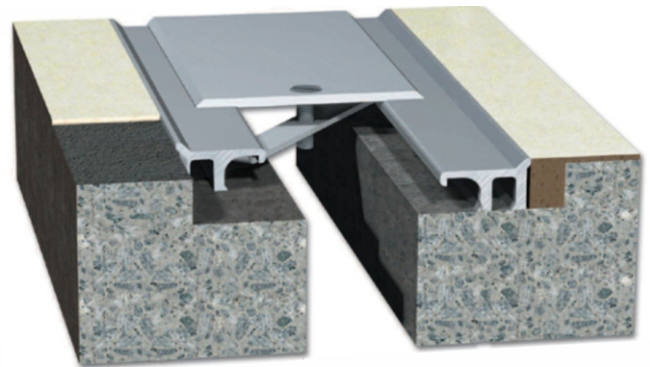
JOINT SIZE :- 4 inches to 14 inches LENGTH 10 Linear Feet

APPLICATION :- Exterior and interior

LOAD :- Pedestrian and Light Vehicle

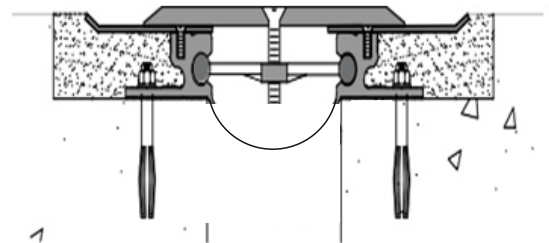
INSTALLATION :- Floor or Deck

OPTIONS :- Fire Barrier, Stainless Steel



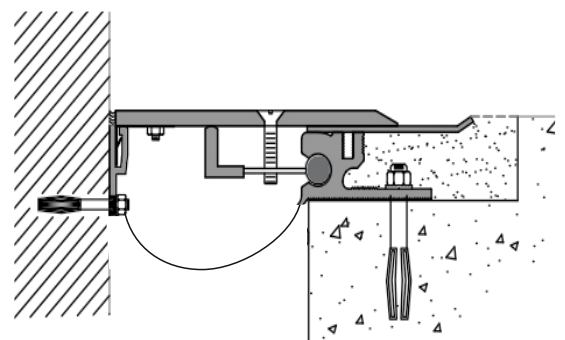
FLOOR-TO-FLOOR

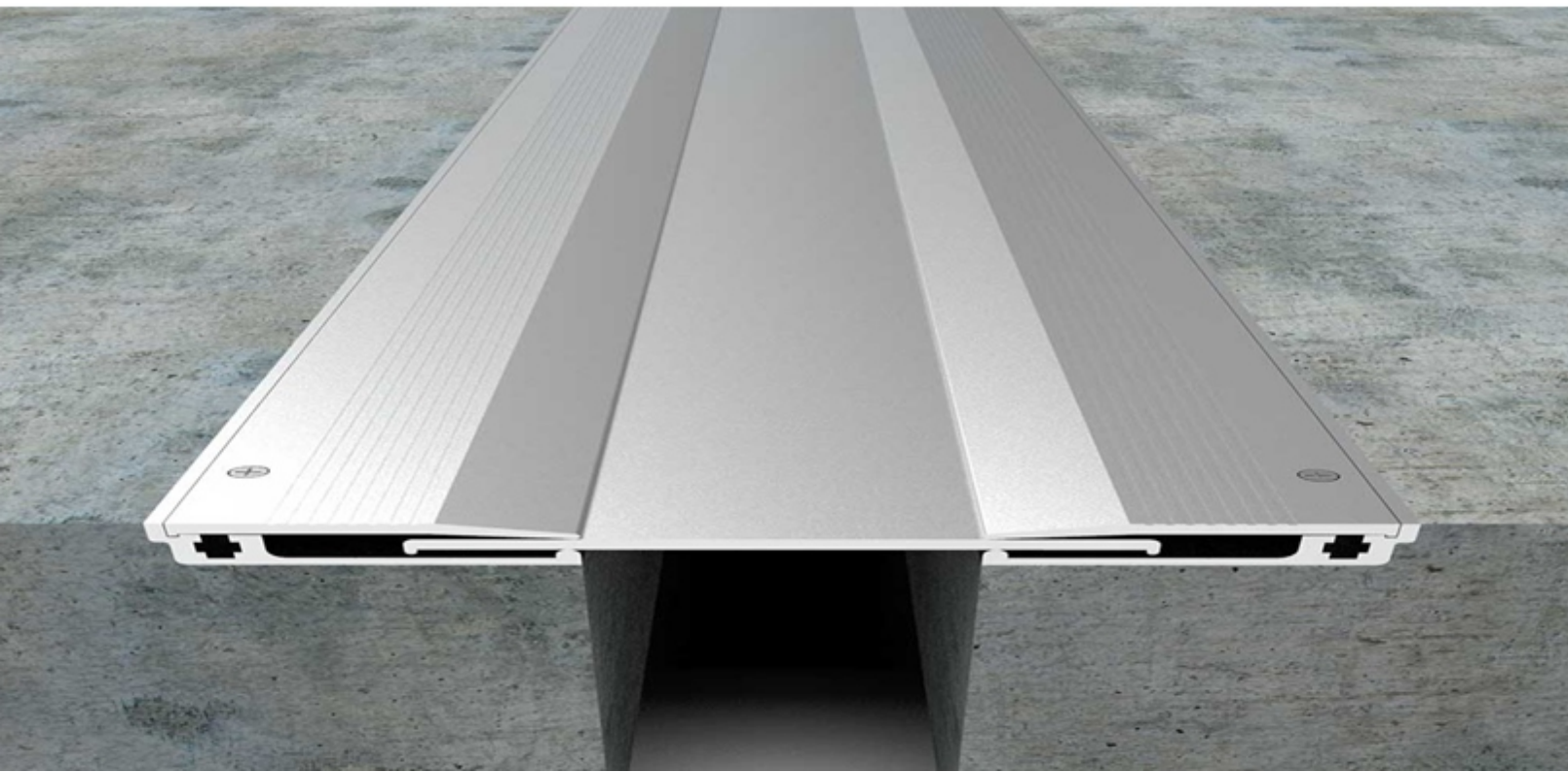
MODEL	JOINT SIZE / WIDTH	SYSTEM WIDTH	TOTAL MOVEMENT
SGHDF-10	4"(102mm)	9"(230mm)	4.625" (117mm)
SGHDF-15	6"(152mm)	11"(280mm)	7.75" (197mm)
SGHDF-20	8"(203mm)	13.40"(340mm)	10.75" (273mm)
SGHDF-25	10"(254mm)	15.35"(390mm)	13.625" (346mm)
SGHDF-30	12"(305mm)	17.35"(440mm)	16.625" (422mm)
SGHDF-35	14"(355mm)	19.70"(500mm)	18.625" (473mm)



FLOOR -TO-WALL/CORNER

MODEL	JOINT SIZE AT MEAN T°F	SYSTEM WIDTH	TOTAL MOVEMENT
SGHDF-10L	4"(102mm)	6.70"(171 mm)	4.625" (117mm)
SGHDF-15L	6"(152mm)	8.7"(220mm)	7.75" (197mm)
SGHDF-20L	8"(203mm)	11.40"(280 mm)	10.75" (273mm)
SGHDF-25L	10"(254mm)	13" (330mm)	13.625" (346mm)
SGHDF-30L	12"(305mm)	15" (380 mm)	16.625" (422mm)
SGHDF-35L	14"(355mm)	17.3" (440 mm)	18.625" (473mm)





Silica Global Seismic Free Floating Floor Series

SG Seismic Free floating floor series is designed for interior and application where low maintenance is desired and light loads are expected. The free floating aluminium centre plate spans the joint and slides between frame assemblies to allow movement when required. Series designed to accept most traditional Floor Systems and allow for multi-directional thermal movement, yet minimize the sight-line when installed.

Features :

- **EASIER INSTALLATION** The beveled edge relief on the extrusion virtually eliminates any need to remove concrete from the block-out.
- **COORDINATING CORNERS** Available with corner option for a complete floor solution.
- Horizontal and vertical thermal movement
- Seismic Movement with lateral Shear.
- Easier installation and anti slip surface.
- Durable architectural aluminum frames and covers.

Tender Language

Providing and fixing of SILICA expansion joint system related with floor location as per drawings and direction of Engineer-In-Charge. The joints system will be of extruded aluminum base members, free floating floor arrangement and support plates etc. as per ASTM B221-02. The system shall be such that it provides floor to floor /floor to wall expansion control system for various vertical location in load application areas that accommodates multi directional seismic movement without stress to its components. System shall consist of metal profiles with a universal aluminum base member designed to accommodate various project conditions and finish floor treatments. The cover plate shall be designed of width and thickness required to satisfy projects movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self-centering arrangement that freely rotates / moves in all directions. The Free Floating arrangement shall slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions. Provision of Moisture Barrier Membrane in the Joint System to have watertight joint is mandatory requirement all as per the manufactures design and as approved by Engineer -in- Charge. (Material shall confirm to ASTM 6063).

DETAILS :

MATERIAL : - 6063-T6 Aluminum
ASTM B221-02

FINISH : - Mill

MOVEMENT :-

» **Thermal :** - Horizontal and Vertical

» **Seismic :** - Lateral Shear

MOUNTING :- Block Out

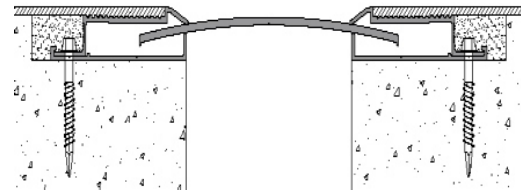
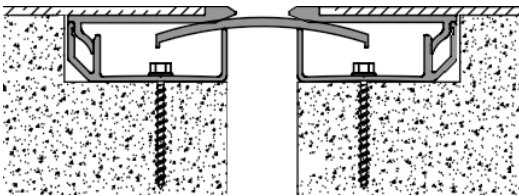
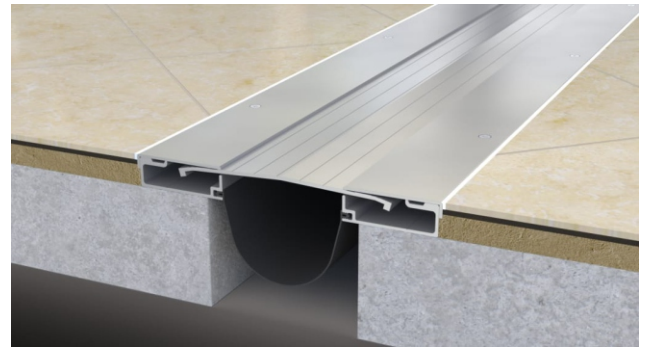
JOINT SIZE :- 2 inch to 4 inches LENGTH 10 Linear Feet

APPLICATION :- Interior

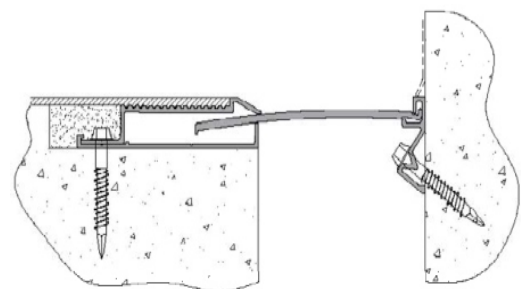
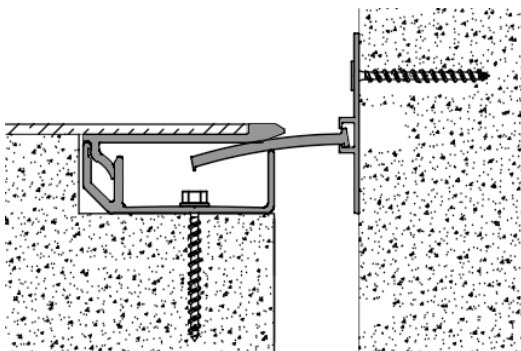
LOAD :- Pedestrian and Light Cart

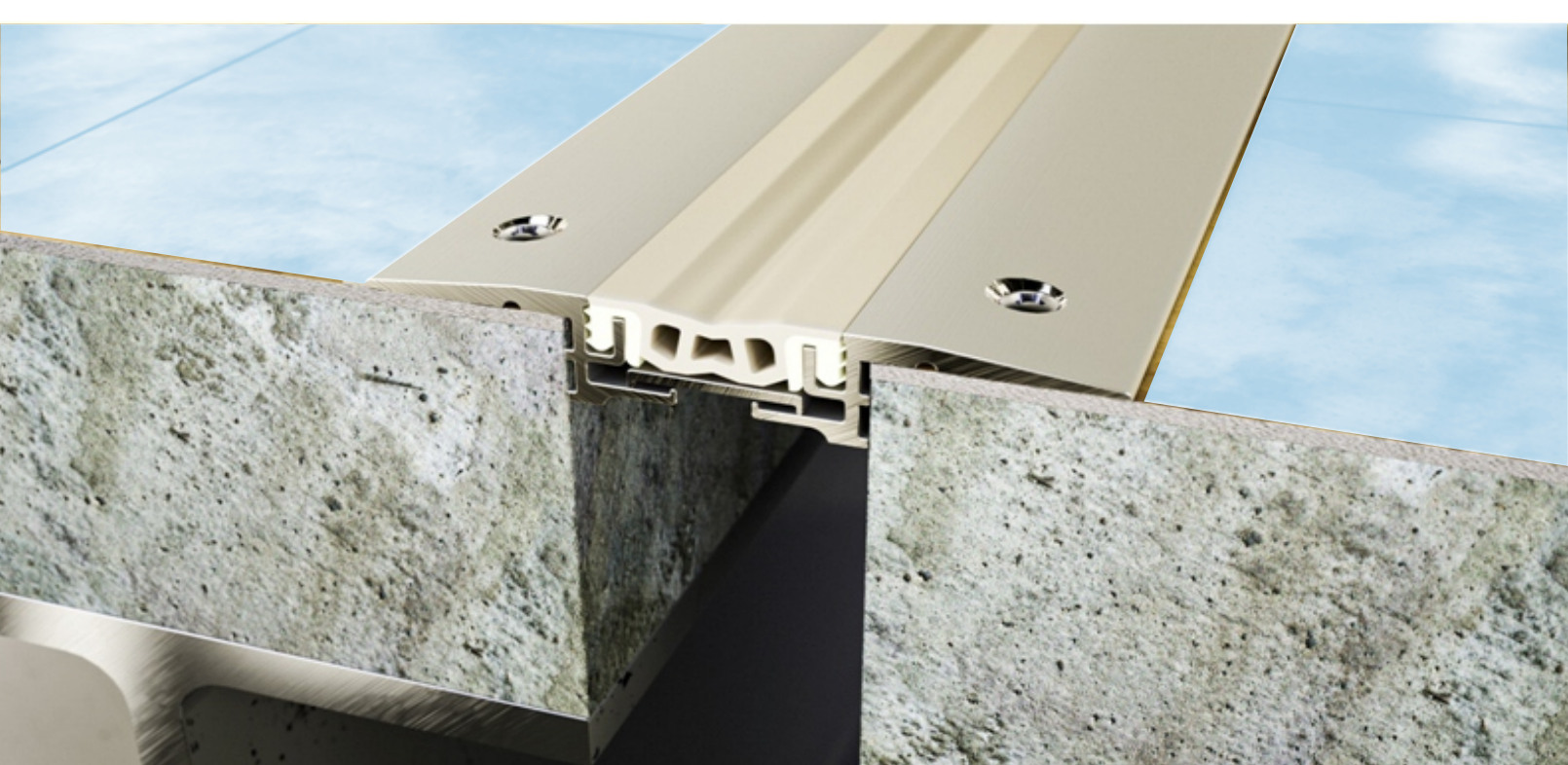
INSTALLATION :- Floor

OPTIONS :- Moisture Barrier, Fire Barrier



MODEL	INSTALLATION	JOINT SIZE MEAN T°F	AT SYSTEM WIDTH	TOTAL MOVEMENT
SGSFF-05	Floor-to-Floor	2"(51mm)	3"(76mm)	3.75"(95mm)
SGSFF-05L	Floor-to-Wall	2"(51mm)	2.5"(64mm)	2.25"(57mm)
SGSFF-07	Floor-to-Floor	3"(76mm)	4"(102mm)	3"(76mm)
SGSFF-07L	Floor-to-Wall	3"(76mm)	3.5"(89mm)	2.25"(57mm)
SGSFF-10	Floor-to-Floor	4"(102mm)	5"(127mm)	4"(102mm)
SGSFF-10L	Floor-to-Wall	4"(102mm)	4.5"(114mm)	2.25"(57mm)





Silica Global Single Gasketed Floor Series

SG Single Gasketed Floor Series is used for interior joints where minimal visual impact is preferred. This Profiles are used for 50 mm gap generally, Suitable for pedestrians and light vehicle load. Single gasketed floor series provide an aesthetically pleasing sight line featuring in a wide range of decorator colors.

Features :

- Flush sightline minimizes appearance.
- Available with concrete backfilled aluminium extrusion and top mount extrusion System
- Gaskets available in custom designer colors .
- Pedestrian loads only.
- Available in multiple frame heights as per different flooring
- Design to accommodate several several different floor finishes such as tile, wood or concrete.
- Easy to clean flush seals, no dirt or water traps .

Tender Language

Providing and fixing of **SILICA** expansion joint system related with floor location as per drawings and direction of Engineer-In-Charge. The joints system will be of extruded aluminum base members, rubber gasket arrangement etc. The system shall be such that it provides floor to floor /floor to wall expansion control system for various vertical location that accommodates multi directional seismic movement without stress to it's components. System shall consist of rubber gasket profiles with a universal aluminum extrusion designed to accommodate various project conditions and finish floor treatments. Provision of Moisture Barrier Membrane in the Joint System to have watertight joint is mandatory requirement all as per the manufactures design and as approved by Engineer -in- Charge. (Material shall confirm to ASTM 6063).

DETAILS :

MATERIAL : - 6063-T6 Aluminum
ASTM B221-02

FINISH : - Mill and Rubber Seal

MOVEMENT :-

» **Thermal :** - Horizontal

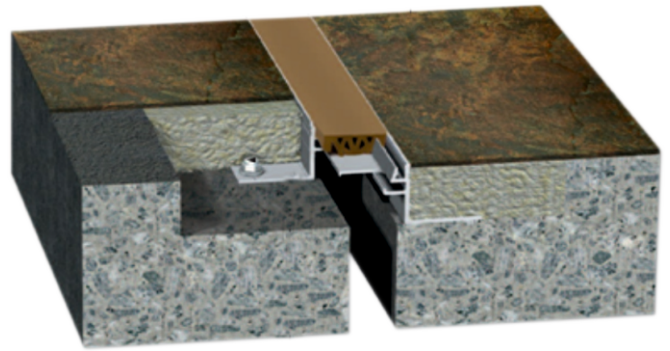
MOUNTING :- Block Out and Top Mount

JOINT SIZE :- 1 inch or 2 inch.

LOAD :- Pedestrian and Light Cart

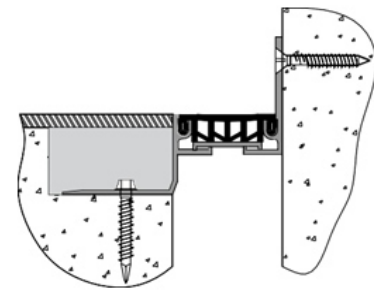
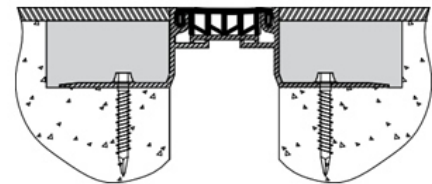
INSTALLATION :- Floor

OPTIONS :- Moisture Barrier, Fire Barrier

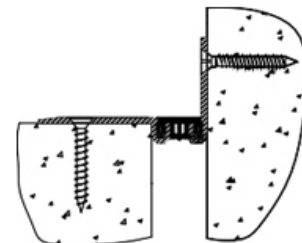
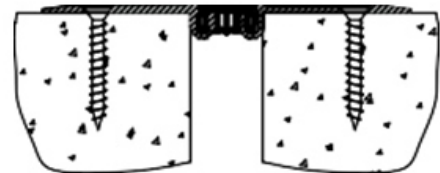


MODEL	INSTALLATION	JOINT SIZE AT MEAN T°F	SYSTEM WIDTH	TOTAL MOVEMENT
SGBOG-02	Floor-to-Floor	1"(25mm)	1.5"(38mm)	.5"(12mm)
SGBOG-02L	Floor-to-Wall	1"(25mm)	2"(51mm)	.5"(12mm)
SGBOG-05	Floor-to-Floor	2"(51mm)	2"(51mm)	1"(25mm)
SGBOG-05L	Floor-to-Wall	2"(51mm)	3"(76mm)	1"(25mm)

Floor to Floor



MODEL	INSTALLATION	JOINT SIZE AT MEAN T°F	SYSTEM WIDTH	TOTAL MOVEMENT
SGSMG-02	Floor-to-Floor	1"(25mm)	5"(127mm)	0.5"(13mm)
SGSMG-02L	Floor-to-Wall	1"(25mm)	2.75"(70mm)	0.5"(13mm)
SGSMG-05	Floor-to-Floor	2"(51mm)	6"(152mm)	1"(25mm)
SGSMG-05L	Floor-to-Wall	2"(51mm)	3.78"(96mm)	1"(25mm)





Silica Global Dual Gasketed Floor Series

SG Dual Gasketed Floor Series offers two rubber seals to allow for more thermal joint movement. Designed for use on floor and the aluminum slide plate accepts flooring infill to seamlessly coordinate with the surrounding environment. These Features make gasketed expansion joint cover ideal for application where hygiene is paramount, such as healthcare,, Kitchen operation and food retail.

Features :

- COORDINATING CORNERS Available with corner option for a complete floor and wall solution.
- COORDINATION Designed for both horizontal and vertical applications, this system provides a continuous coordinated look and feel.
- COMPLEMENTARY SEAL COLORS Available in four elastomeric seal color options: beige, white, gray or black. Also provide custom colour to match floor finish.
- Dual Gasketed profiles are used for larger than 50 mm gap width.

Tender Language

Providing and fixing of SILICA expansion joint system related with floor location as per drawings and direction of Engineer-In-Charge. The joints system will be of extruded aluminum base members, self aligning / self centering arrangement and support plates with both side rubber gasket arrangement etc. as per ASTM B221-02. The system shall be such that it provides floor to floor / floor to wall expansion control system for various vertical location in load application areas that accommodates multi directional seismic movement without stress to it's components. System shall consist of metal profiles with a universal aluminum base member designed to accommodate various project conditions and finish floor treatments. The cover plate shall be designed of width and thickness required to satisfy projects movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self-centering arrangement that freely rotates / moves in all directions. The Self-centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. Provision of Moisture Barrier Membrane in the Joint System to have watertight joint is mandatory requirement all as per the manufacturer's design and as approved by Engineer -in-Charge. (Material shall confirm to ASTM 6063).

DETAILS :

MATERIAL : - 6063-T6 Aluminum
ASTM B221-02

FINISH : - Mill and Rubber Seal

MOVEMENT :-

» **Thermal :** - Horizontal and Vertical

MOUNTING :- Surface

JOINT SIZE :- 3 inches to 6 inches

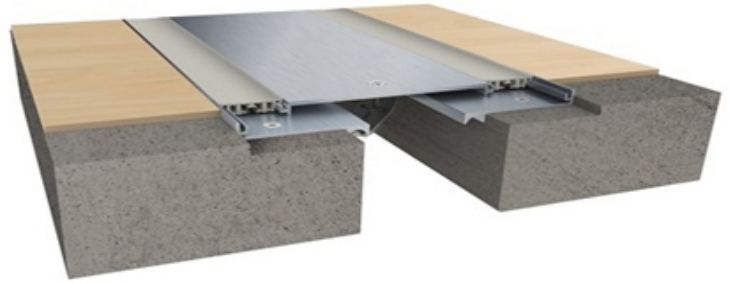
LENGTH :- 10 Light Cart

APPLICATION :- Interior

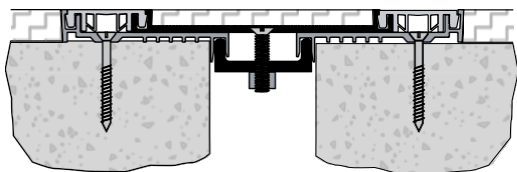
LOAD :- Pedestrian and Light Cart

INSTALLATION :- Floor or Wall

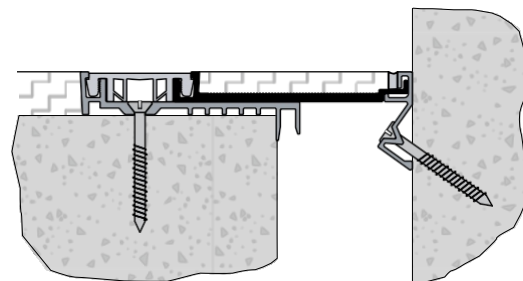
OPTIONS :- Seal Colour, Moisture Barrier, Fire Barrier



MODEL	INSTALLATION	JOINT SIZE AT MEAN T°F	SYSTEM WIDTH	TOTAL MOVEMENT
SGDGF-05	Floor-to-Floor	2" (51mm)	7.75" (197mm)	4.25" (108mm)
SGDGF-05L	Floor-to-Wall	2" (51mm)	4.88" (124mm)	2.5" (64mm)
SGDGF-10	Floor-to-Floor	4" (102mm)	9.75" (248mm)	6.25" (159mm)
SGDGF-10L	Floor-to-Wall	4" (102mm)	6.88" (175mm)	4.5" (114mm)
SGDGF-15	Floor-to-Floor	6" (152mm)	11.75" (298mm)	8.25" (210mm)
SGDGF-15L	Floor-to-Wall	6" (152mm)	8.88" (226mm)	6.5" (165mm)

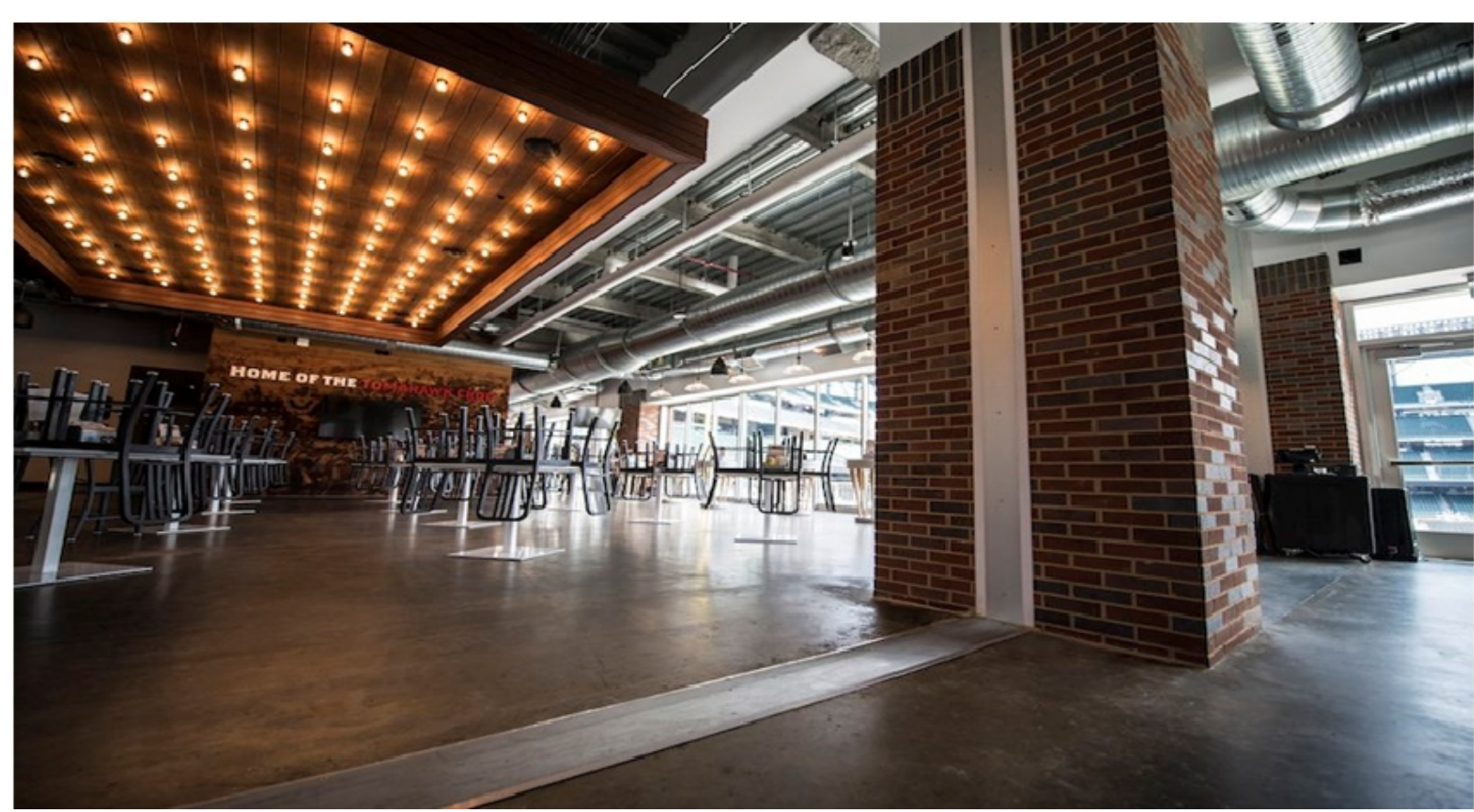


Floor-to Floor



Floor - to- Wall





Silica Global Seismic Centering Bar Wall Series

SG Seismic Centering Bar Wall Series provide seismic movement in a wide range of sizes, styles and finishes. Centering bar wall cover for interior application is designed as durable option in high use area. This wall system to protect the design of your building or to seamlessly blend your architectural protection into the rest of your design.

Features :

- SEISMIC CENTERING BAR System realigns itself with the self-centering bar, maintaining a safe, clean look.
- ARCHITECTURAL ELEGANCE The clear cover plate finish provides a high-end appearance.
- COORDINATING CORNERS Available with corner option for a complete solution.
- System can be utilized in interior as well as exterior environment.
- System allows for thermal and seismic movement,

Tender Language

Providing and fixing of **SILICA** expansion joint system related with wall joint (internal/external) location as per drawings and direction of Engineer-In- Charge. The joints shall be of extruded aluminum base members, self aligning /centering arrangement and support plates as per ASTM B221- 02. The material shall be such that it provides an Expansion Joints System suitable for vertical wall to wall/ wall to corner application, both new and existing construction in office Buildings & complexes with no slipping down tendency amongst the components of the Joint System. The Joint System shall utilize light weight aluminum profiles exhibiting minimal exposed aluminum surfaces mechanically snap locking the multicellular to facilitate movement. (Material shall conform to ASTM 6063).



DETAILS :

MATERIAL : - 6063-T6 Aluminum
ASTM B221-02

FINISH : - Clear

MOVEMENT :-

» **Thermal :** - Horizontal

MOUNTING :- Surface

JOINT SIZE :- 2 inch to 5 inches

APPLICATION :- Interior & Exterior

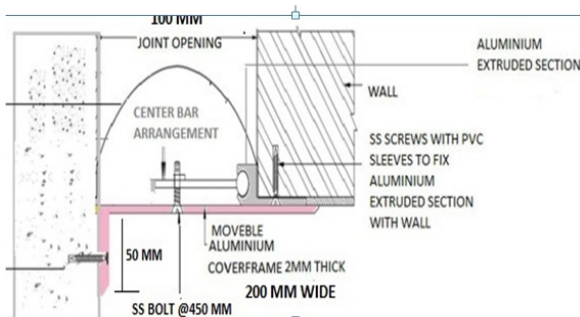
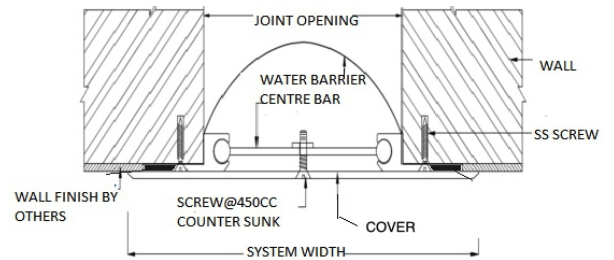
INSTALLATION :- Wall or Ceiling

OPTIONS :- Moisture Barrier, Fire Barrier



FLOOR-TO-FLOOR

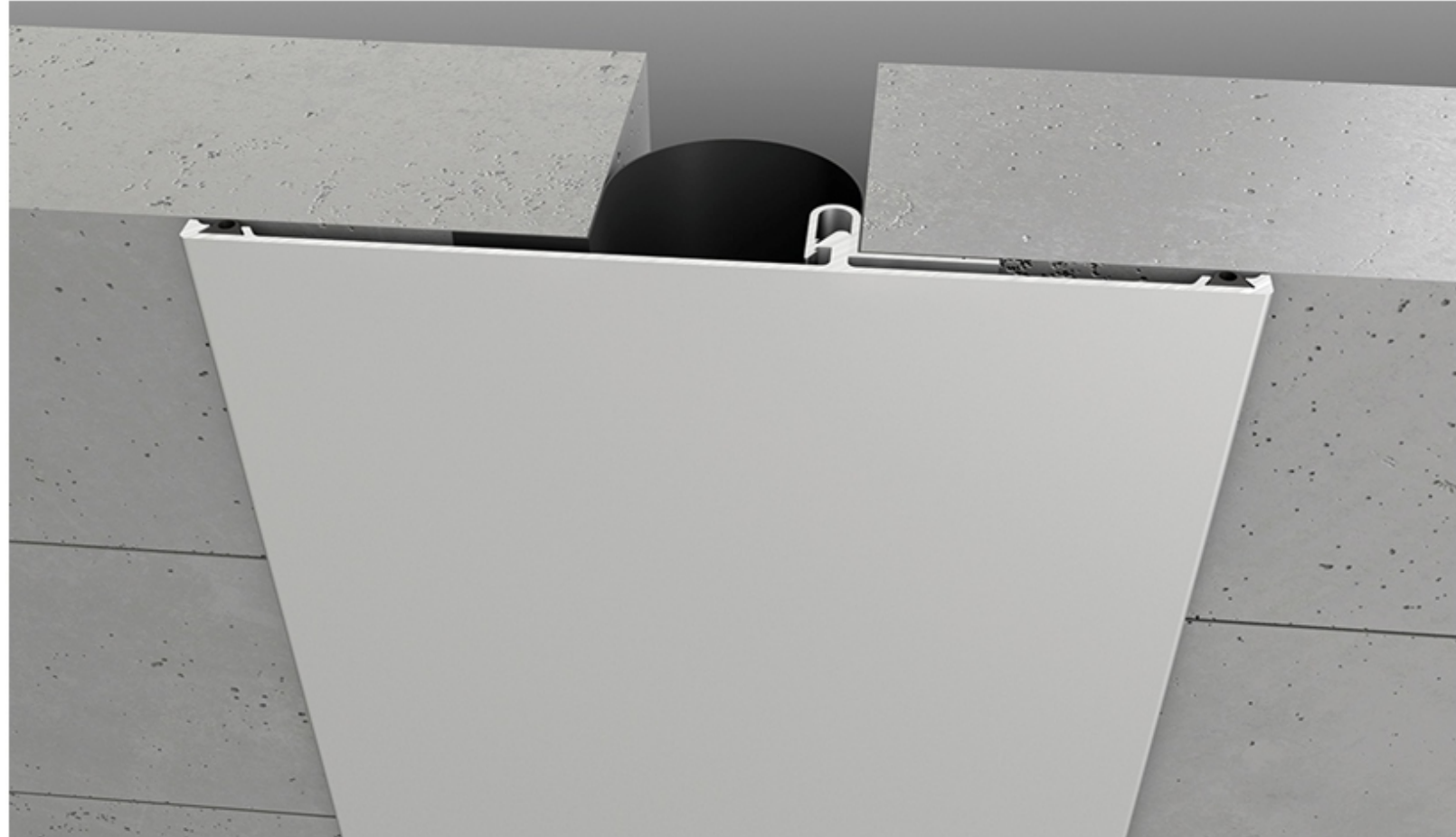
MODEL	JOINT SIZE AT MEAN T°F	SYSTEM WIDTH	TOTAL MOVEMENT
SGSTW-05	2" (51mm)	6" (152mm)	2" (50mm)
SGSTW-07	3" (76mm)	6.88"(175mm)	4" (100mm)
SGSTW-10	4" (102mm)	7.95"(202mm)	5.5" (140mm)
SGSTW-15	6" (152mm)	9.84"(503mm)	8" (203mm)



FLOOR-TO-WALL/CORNER

MODEL	JOINT SIZE AT MEAN T°F	SYSTEM WIDTH	TOTAL MOVEMENT
SGSTW-05L	2" (51mm)	4" (100mm)	2.5" (64mm)
SGSTW-07L	3" (76mm)	5"(127mm)	3.5" (87mm)
SGSTW-10L	4" (102mm)	6"(153mm)	4.5" (112mm)
SGSTW-15L	6" (152mm)	8"(203mm)	6.8" (172mm)





Silica Global Snap Lock Wall Series

SG Single Snap Lock Wall Series is capable of thermal movement. It mounts easily after final wall surface is complete. Due to hinge system series can be installed easily. Temper proof and low maintenance required. A Surface mounted aluminium wall joint cover, which can also be used as ceiling cover where construction permits

Features :

- COORDINATING CORNERS Available with corner option for a complete solution.
- ARCHITECTURAL AESTHETICS The sliding cover plate with a clear anodized finish provides a high- end appearance.
- CONTINUOUS SIGHT LINE This system can be used on walls, ceilings and corners to provide seamless and continuous aesthetics.
- No Exposed Fasteners and screws.

Tender Language

Providing and fixing of **SILICA** expansion joint system related with wall joint (internal/external) location as per drawings and direction of Engineer-In- Charge. The joints shall be of extruded aluminum base members, snap locking arrangement and support plates as per ASTM B221- 02. The material shall be such that it provides an Expansion Joints System suitable for vertical wall to wall/ wall to corner application, both new and existing construction in office Buildings & complexes with no slipping down tendency amongst the components of the Joint System. The Joint System shall utilize light weight aluminum profiles exhibiting minimal exposed aluminum surfaces.(Material shall confirm to ASTM 6063).



DETAILS :

MATERIAL : - 6063-T6 Aluminum
ASTM B221-02

FINISH : - Clear Anodize

MOVEMENT :-

» **Thermal :** - Horizontal

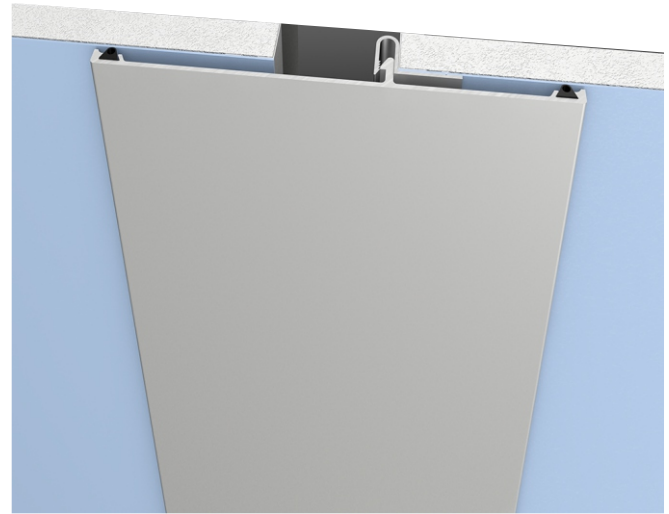
MOUNTING :- Surface

JOINT SIZE :- 2 inch to 5 inches

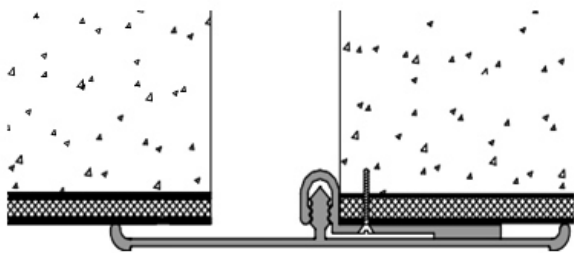
APPLICATION :- Interior

INSTALLATION :- Wall or Ceiling

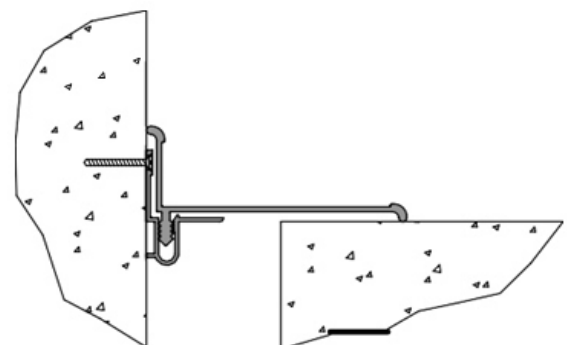
OPTIONS :- Moisture Barrier, Fire Barrier



MODEL	INSTALLATION	JOINT SIZE AT MEAN T°F	SYSTEM WIDTH	TOTAL MOVEMENT
WJ-100	Wall-to-Wall	1" (25mm)	3" (76mm)	0.5" (13mm)
WJ-100W	Wall-to-Ceiling/Corner	1" (25mm)	3" (76mm)	0.5" (13mm)
WJ-150	Wall-to-Wall	1.5" (38mm)	4" (102mm)	2" (51mm)
WJ-200	Wall-to-Wall	2" (51mm)	5.75" (146mm)	2" (51mm)
WJ-200W	Wall-to-Ceiling/Corner	2" (51mm)	5.75" (146mm)	2" (51mm)
WJ-300	Wall-to-Wall	3" (76mm)	7" (178mm)	3" (76mm)
WJ-300W	Wall-to-Ceiling/Corner	3" (76mm)	7" (178mm)	3" (76mm)



WALL-TO - WALL



WALL-TO-CORNER





Silica Global Seismic Roof Series

SG Seismic Roof Series engineered for thermal and seismic movement on flat and sloped roofs. Aluminium covers are designed to accommodate ice, snow, wind loads and light foot traffic. Aluminum systems utilize seismic centering bars.

Features :

- **INTEGRATED FLASHING** System includes integrated flashing for assembly before membrane is installed.
- **SEISMIC MOVEMENT** Designed with a seismic self-centering bar to keep the joint opening covered during a movement cycle providing a safe and clean appearance.
- **MOISTURE BARRIER** Engineered with an integrated moisture barrier for water diversion with easy installation.

Tender Language - DSR Item no. 5.46

Providing and fixing of **SILICA** expansion joint system of approved make and manufactures for various roof locations as per approved drawings and direction of Engineer-In-Charge. The joints shall be of extruded aluminum base members with, self aligning and self centering arrangement support plates asper ASTM B221-02. The system shall be such that it provides watertight roof to roof/roof to corner joint cover expansion control system that is capable of accommodating multidirectional seismic movement without stress to its components. System shall consist of metal profile that incorporates a universal aluminum base member designed to accommodate various project conditions and roof treatments. The cover plate shall be designed of width and thickness required to satisfy movement and loading requirements and secured to base members by utilizing manufacturer's pre-engineered self-centering arrangement that freely rotates / moves in all directions. The Self centering arrangement shall exhibit circular sphere ends that lock and slide inside the corresponding aluminum extrusion cavity to allow freedom of movement and flexure in all directions including vertical displacement. The Joint System shall resist damage or deterioration from the impact of falling ice, exposure to UV, airborne contaminants and occasional foot traffic from maintenance personnel. Provision of Moisture Barrier Membrane in the Joint System to have water tight joint is mandatory requirement.

DETAILS :

MATERIAL :- 6063-T6 Aluminum
ASTM B221-02

FINISH :- Mill

MOVEMENT :-

» **Thermal :-** Horizontal and Vertical

» **Seismic :-** Lateral Shear

MOUNTING :- Surface

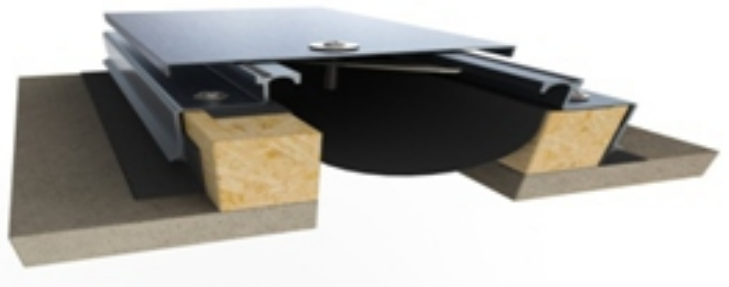
JOINT SIZE :- 4 inch to 16 inches

LENGTH :- 10 Linear Feet

APPLICATION :- Exterior

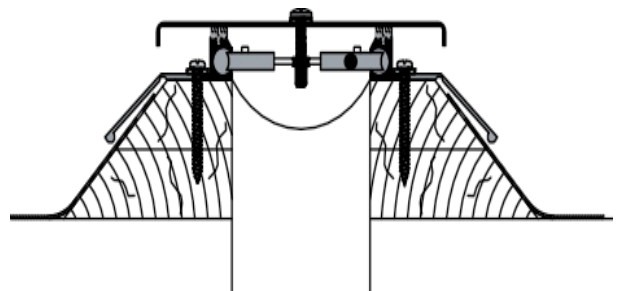
INSTALLATION :- Roof

OPTIONS :- Fire Barrier and Powder Coated



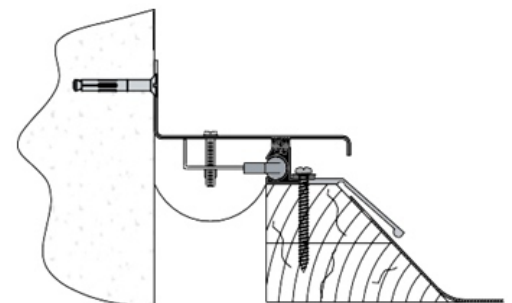
ROOF-TO-ROOF

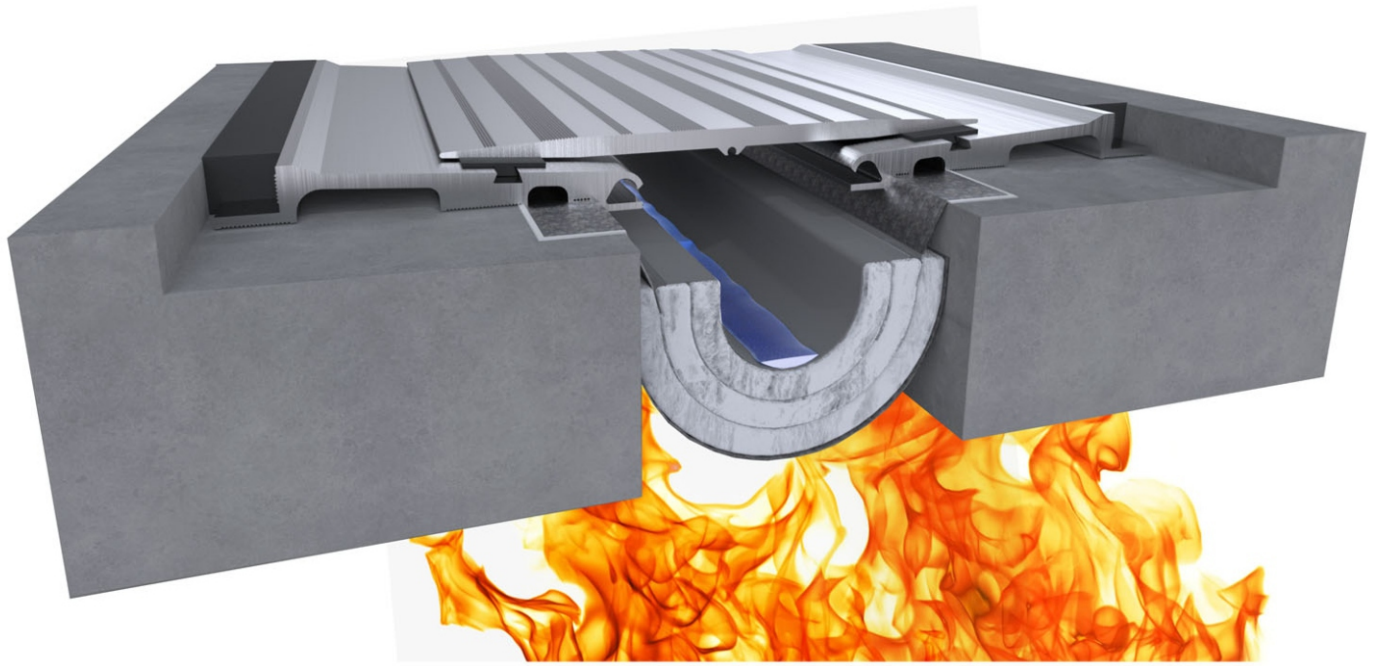
MODEL	JOINT SIZE AT MEAN T°F	SYSTEM WIDTH	TOTAL MOVEMENT
RJF-200	2" (51mm)	8" (203mm)	3" (76mm)
RJF-400	4" (102mm)	11" (279mm)	6" (152mm)
RJF-600	6" (152mm)	14" (356mm)	9" (229mm)
RJF-800	8" (203mm)	9" (229mm)	12" (305mm)
RJF-1000	10" (254mm)	20" (508mm)	15" (381mm)
RJF-1200	12" (305mm)	23" (584mm)	18" (457mm)
RJF-1800	18" (457mm)	32" (813mm)	27" (686mm)
RJF-2400	24" (610mm)	41" (1041mm)	36" (914mm)



ROOF-TO-WALL

MODEL	JOINT SIZE AT MEAN T°F	SYSTEM WIDTH	TOTAL MOVEMENT
RJF-200W	2" (51mm)	5.5" (140mm)	3" (76mm)
RJF-400W	4" (102mm)	8.5" (216mm)	6" (152mm)
RJF-600W	6" (152mm)	11.5" (292mm)	9" (229mm)
RJF-800W	8" (203mm)	14.5" (368mm)	12" (305mm)
RJF-1000W	10" (254mm)	17.5" (445mm)	9.75" (248mm)
RJF-1200W	12" (305mm)	20.5" (521mm)	11.75" (298mm)
RJF-1800W	18" (457mm)	29.5" (749mm)	17.75" (451mm)
RJF-2400W	24" (610mm)	38.5" (978mm)	23.75" (603mm)





Silica Global Fire Stopper

Building expansion joints and slab openings inherently create a pathway for fire and smoke to travel and spread throughout the structure. Silica Group offers Fire Barriers for all kinds of Expansion Joints for easy installation and to maximize cost effectiveness. Silica Global's Fire Stopper products provide protection for 2, 3 and 4- hour rated conditions to keep the threat contained.

Features :

- Silica Global Fire Stopper designed for Floor and Wall Expansion joints.
- The unique design of the fire barriers of Silica Global Fire Stoppers allows for an easy installation, high resiliency and a uniform fill across the joint opening.
- Available in 2, 3 or 4 hour fire ratings, fire rating dependant on depth of material and width of joint opening.
- Silica Global Fire Stoppers are suitable for gap sizes from 1" to 20".

Tender Language

Providing and fixing Silica Fire stopper(Fire Barrier) for Expansion Joints with 2 to 4 Hr Fire Rating with UL certified.



DETAILS :

Fire barrier system is compliant with ASTM E119 and UL 2079.

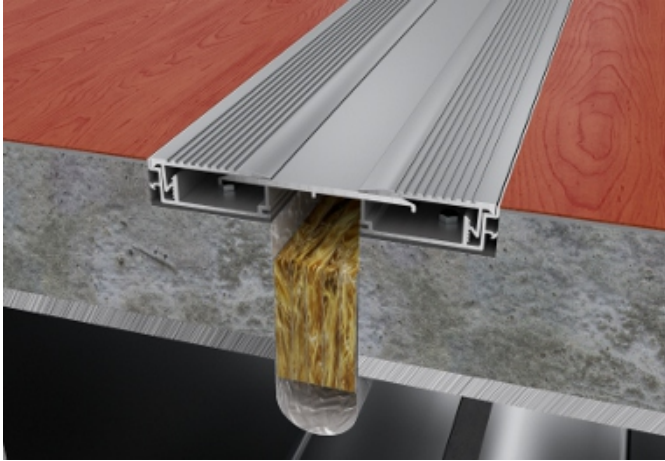
INSTALLATION : Floor and Wall joint only.

Tested in accordance with : - UL 2079/ ULC S-115 "FTH"

(FTH: Rating Fire, Temperature and Hose)

ASTM-E119/E1399/E1966

BS EN 1366.4



Silica Rockwool Fire Stopper

Silica Fire Barrier Tape



Silica Fire Barrier Seal



VALUED CLIENTELE

Mahatma Gandhi Thermal Power Plant, Jhajjar, HR	NKG Infrastructure Ltd.
NRI City Centre Mall, G.Noida	Design Associates Inc. Noida
Jhajjar Thermal Power Ltd. Haryana	Simplex Constructions Ltd.
G.B. Pant Hospital, Delhi (A Project of PWD)	Suncity Projects Ltd.
Parnika Commercial & Estates Pvt. Ltd.	Purvanchal Group
ESIC Hospital, Manesar (A Project of NBCC)	Air Force Naval Housing Society, Dehradun
IIT Campus, Roorkee (A Project of NBCC)	CISF Complex, Shivpuri, M.P.
ESIC Hospital, Noida	Supreme Infrastructure India
ESIC Hospital, Faridabad	Jindal Steel & Power Ltd.
ESIC Hospital, Manesar (A Project of NBCC)	Tata Project Ltd
Garhwal University, Uttarakhand (A Project of NBCC)	DDA Group Housing Project, Dwarka, Delhi
TRF Ltd.	DDA Group Housing Project, Jasola, Delhi
CLP (India)	Reserve Bank of India
Shangdong Engineering Pvt. Ltd. (China)	UPSC Headquarters, Delhi
DLF, Gurugram	Air India, INA, Delhi
Unity Group	Leighton Contracts India Ltd.
Bihar Medical Services Corporation Ltd.	GSV Medical Collage, Kanpur (A project of Hites)
Rular Health Training Centre, Delhi (A Projects of Hites)	Civili Hospital, Ambala, (A project of Hites)
Ahluwalia Contracts India Ltd.	



Approved Make Vendor For Following Projects And Departments

List Of projects	List Of Departments
AIIMS - Guwahati - Assam.	PMSSY
AIIMS - Bhatinda - Punjab.	PMSSY
Govt. Medical College - Kanpur UP.	HITES
Sarojani Naidu Medical College, Agra UP.	HITES
IIM - Sambalpur, Orrisa.	NBCC
Jawahar Lal Nehru Medical College - Bhagalpur, Bihar.	CPWD
Medical College, Chamba, H.P.	NBCC
Govt. Medical Colleges Dumka, Jamshedpur, Koderma, Daltangunj, Chaibasa, Hazaribagh Jharkhand.	Jharkhand State Govt.
PGIMER, Chandigarh Punjab.	HITES
Medical College Gaya, Bihar.	CPWD
Medical College Pulivendula, A.P.	CPWD
GPRA Group Housing Patna, Bihar.	CPWD
CRPF Group Housing, Kolkata W.B.	CPWD
Group Housing Project, Dwarka Delhi	DDA
Group Housing Project, Jasola Delhi	DDA

Many more in the list.....

Silica Global Product Line...

Silica Wall/Stretcher Guard

Silica Expansion Joint Filler Board

Silica Floor Protection Sheat

Silica Water Swellable Bar



Our Presence



**PD
Projects**
An ISO 9001:2015 Certified Co.

(A Unit of Silica Group)



Design By : Graphix Creations - 8851512878

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