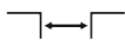




For seismic zone



Top mounted



Joint width 25-200 mm



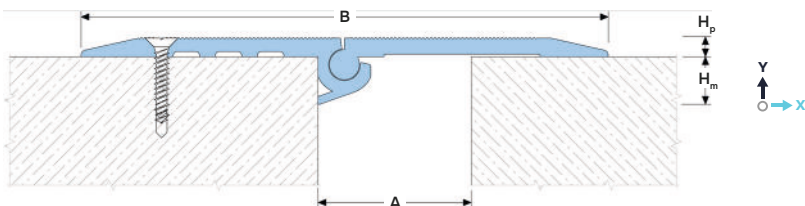
Movements in 3 planes



Indoor/outdoor⁴



Loads up to 300 kN



DESIGNATIONS:

A – nominal joint width; M_x – horizontal movements;
B – visible width; M_y – vertical movements.

Profile	Sizes, mm				Movements, mm		Permissible loads (kN)			
	A	B	H _p	H _m	M _x ¹	M _y ²				
SV 38/50	25-80	200	6	20	see tab	-30	50	300	50	5
SV 38/100	50-150	275	8,5	20	see tab	-45	50	300	50	5
SV 38/150	120-200	340	10	20	see tab	-70	50	300	50	5

¹The permissible value of horizontal movements depends on the width of the expansion joint on which the profile is installed. See tab. "Movements".!

²When vertical (settlement) movements occur, the bearing capacity of the profile decreases. Request more information.

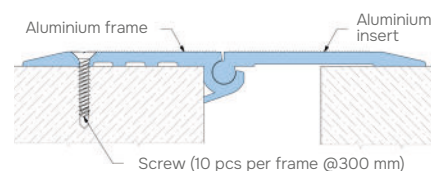
³In the case of vertical (settlement) movement, the profile must be fixed to the part of the building with the smallest settlement.

⁴It is not recommended to use the profile under the open rays of the sun and with possible large temperature fluctuations due to the large difference in the coefficients of thermal expansion of concrete and aluminum.

MOVEMENTS

SV 38/50		SV 38/100		SV 38/150	
A	M _x	A	M _x	A	M _x
25	-5/+65	50	-30/+110	120	-100/+110
30	-10/+60	60	-40/+100	130	-110/+100
40	-20/+50	70	-50/+90	140	-120/+90
50	-30/+40	80	-60/+80	150	-130/+80
60	-40/+30	100	-80/+60	160	-140/+70
70	-50/+20	120	-100/+40	180	-160/+50
80	-60/+10	150	-130/+15	200	-180/+30

EQUIPMENT PROFILE



TECHNICAL DATA

Material	Aluminum EN AW 6063 T6 (T66 ⁵)
Strength, MPa	$\sigma_e=205$ (255 ⁵)
Tolerances	EN 12020-2:2008
Tooling	Mounting holes
Fasteners	Included (Screws Rawlplug)
Surface coat	Without coating ⁶
Length, m	3,0

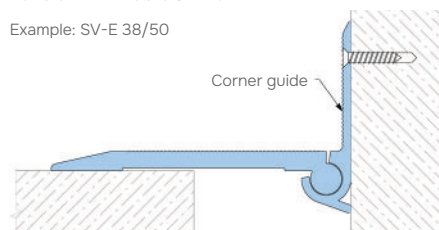
⁵ For EU market.

⁶ The profile can be optionally anodized (ask for details).

CORNER VERSION

All profiles have corner versions for floor-to-wall connections (joint along the wall). These profiles have an "E" index: SV-E.

Example: SV-E 38/50



ASSEMBLY

To facilitate the assembly process of the profile, use WD-40 silicone grease or equivalent.

To fasten the profile, it is recommended to use RAWLPLUG R-LX 6x50-CS concrete screws (included) or an equivalent (10 pieces per 3 meters).