

DESIGNATIONS:

A – nominal joint width;
B – visible width;
C – internal part width;
D – min full width (mount seat);

H_{m1} – installation height;
 H_{m2} – depth of internal frame;
 M_x – horizontal movements;
 M_y – vertical movements.

Profile	Sizes, mm						Movements, mm		Permissible loads (kN)			
	A ¹	B	C	D	...= H_{m1} ⁴	H_{m2}	M_x	M_y				
SV 39/50/... ⁴	50	15	220 ²	300	30, 40, 50, 60, 70, 80, 90, 100, 125, 150, h ⁵	$H_{m2} = H_{m1} - 6$	26 (±13)	-5	50	-	-	-
SV 39/80/... ⁴	80	15	250 ²	330			26 (±13)	-5	50	-	-	-
SV 39/100/... ⁴	100	15	270 ²	350			26 (±13)	-7	50	-	-	-
SV 39/150/... ⁴	150	15	320 ²	400			26 (±13)	-7	50	-	-	-
SV 39/200/... ⁴	200	15	370 ²	450			26 (±13)	-7	50	-	-	-
SV 39/250/... ⁴	250 ⁴	15	420 ²	500			26 (±13)	-10	50 ³	-	-	-
SV 39/300/... ⁴	300 ⁴	15	470 ²	550			26 (±13)	-10	50 ³	-	-	-
SV 39/400/... ⁴	400 ⁴	15	570 ²	650			26 (±13)	-10	50 ³	-	-	-
SV 39/500/... ⁴	500 ⁴	15	670 ²	750			26 (±13)	-10	50 ³	-	-	-

¹ Standard expansion joint width shown. The profile can be made to the required width from 50 to 1000 mm.

² The width of the middle part can be changed to a larger side for ease of installation of the finish coat. This also changes the value of "E".

³ For joints with a width of more than 250 mm subject to loads, it is recommended to reinforce the screed, as well as order special reinforcing bars inserted into the corrugated base plate. Request more information.

⁴ ...- Standard profile installation height H_{m1} .

⁵ The profile can be manufactured to any required installation height "h".

► TECHNICAL DATA

→ PROFILE

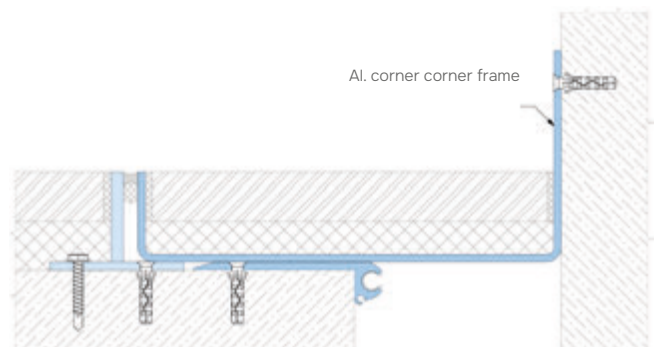
Material	Stainless steel AISI 304 ⁶
Strength, MPa	$\sigma_b = 515$
Tolerances	EN 1090-2
Length, m	3,0
Tooling	Mounting holes
Surface coat	Mill finish?
Fasteners	Included

⁶ The profile can be made of other steel grades AISI 316, 321 etc. or brass

► 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 39/100/50



▶ LABELING

(example)

Profile Series:

SV 39 – standard version

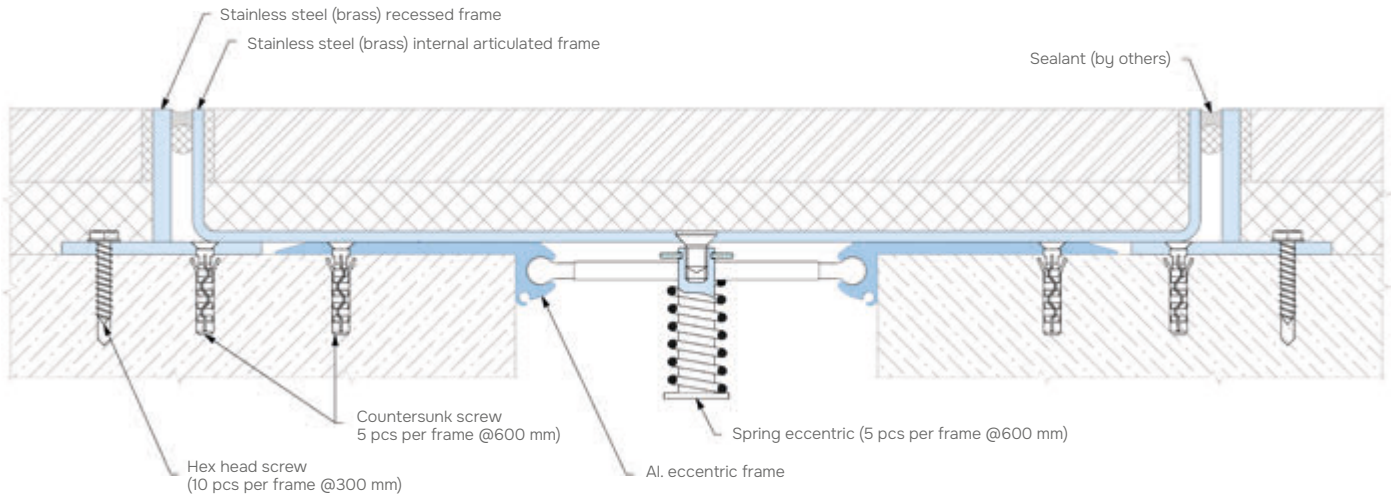
SV-E 39 (marked if required – see “Corner version”)

Joint Width

Profile Height

SV 39 / 250 / 50

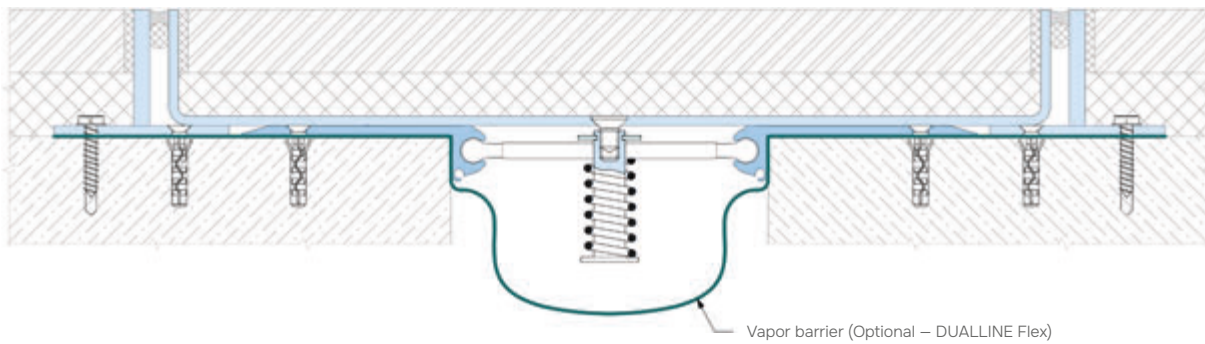
▶ EQUIPMENT PROFILE



▶ EXECUTION OPTIONS



Using a vapor barrier for waterproofing an expansion joint.



Use of a fire barrier with a fire resistance rating of up to EI 240.

