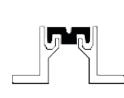
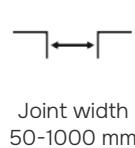




For seismic zone



Recess mounted



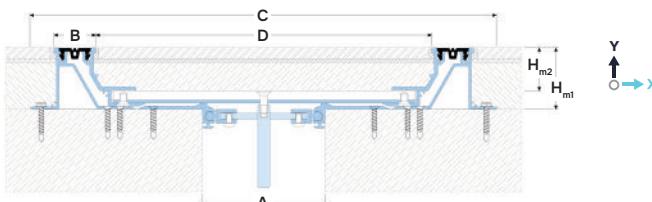
Joint width
50-1000 mm



Movements
in 6 planes



Indoor/
outdoor



DESIGNATIONS:

A	— nominal joint width;	H_{m2}	— depth of internal frame;
B	— visible insert width;	M_s	M_s — seismic movements;
C	— full width (min mounting seat);	M_x	M_x — horizontal movements;
D	— internal visible width;	M_y	M_y — vertical movements.
H_{m1}	— installation height;		

Profile	Sizes, mm						Movements, mm			Permissible loads (kN)			
	A ¹	B	C	D	H_{m1} ⁶	H_{m2}	M_s	M_x	M_y				
SV 29/50-255/...	50	35	23	70 ²	50, 75, 100	$H_{m2} = H_{m1} - 18$	50 (± 25) ³	20 (± 10) ⁵	-5	50	—	—	—
SV 29/80-255/...	80	35	23	115 ²			80 (± 40) ³	20 (± 10) ⁵	-5	50	—	—	—
SV 29/100-255/...	100	35	23	145 ²			100 (± 50) ³	20 (± 10) ⁵	-7	50	—	—	—
SV 29/150-255/...	150	35	23	220 ²			150 (± 75) ³	20 (± 10) ⁵	-7	50	—	—	—
SV 29/200-255/...	200	35	23	295 ²			200 (± 100) ³	20 (± 10) ⁵	-7	50	—	—	—
SV 29/250-255/...	250 ⁴	35	23	370 ²			250 (± 125) ³	20 (± 10) ⁵	-10		pedestrian		
SV 29/300-255/...	300 ⁴	35	23	445 ²			300 (± 150) ³	20 (± 10) ⁵	-10		pedestrian		
SV 29/400-255/...	400 ⁴	35	23	595 ²			400 (± 200) ³	20 (± 10) ⁵	-10		pedestrian		
SV 29/500-255/...	500 ⁴	35	23	745 ²			500 (± 250) ³	20 (± 10) ⁵	-10		pedestrian		

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 "C".

³ M_s — allowable movements occurring in the event of seismic activity.

⁴ 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.

⁵ The figure indicated after the joint width and the value of the displacement M_x is indicated for the flexible insert 21/24-25. It is possible to use other inserts with a movement limit of ± 5 to ± 30 (see "Type of inserts for Dewmark Standard profiles" or ask for additional information).

⁶ ... - Standard profile installation height H_{m1} .

► TECHNICAL DATA

► PROFILE

Material	Aluminum EN AW 6063 T6 (T664)
Strength, MPa	$\sigma_b = 205$ (255) ⁴
Tolerances	EN 12020-2:2008
Tooling	Mounting holes
Fasteners	Included (Screws Rawlplug)
Surface coat	Mill finish ⁵
Length, m	3,0

⁴ For EU market

⁵ The profile can be optionally anodized (ask for details).

► FLEXIBLE INSERT

Material	PVC-P
Resistant	-30...+100 °C, UV+O ₃ — resistant
Length, m	20 meters per roll
Color ⁷	9005 7035 7037 1015

⁷ On request, the insert can be made in any RAL color (ask for details).

⁸ On ribbed geometry insert is standard to increase the amount of thermal movement.

Also, the following insert options are available:

- flat (for rooms with high hygiene requirements),
- protruding 3 and 5 mm above the profile (for use with linoleum or carpet).

See the details in the insert types section or ask for details by mail.

► CORNER VERSION

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

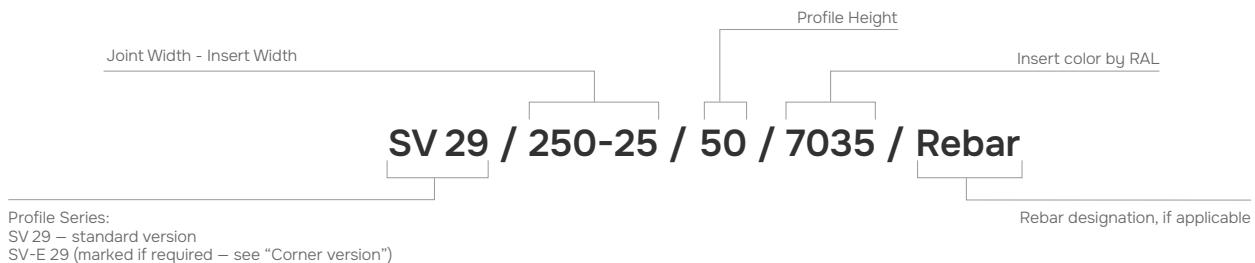
Example: SV-E 29/100-25/50



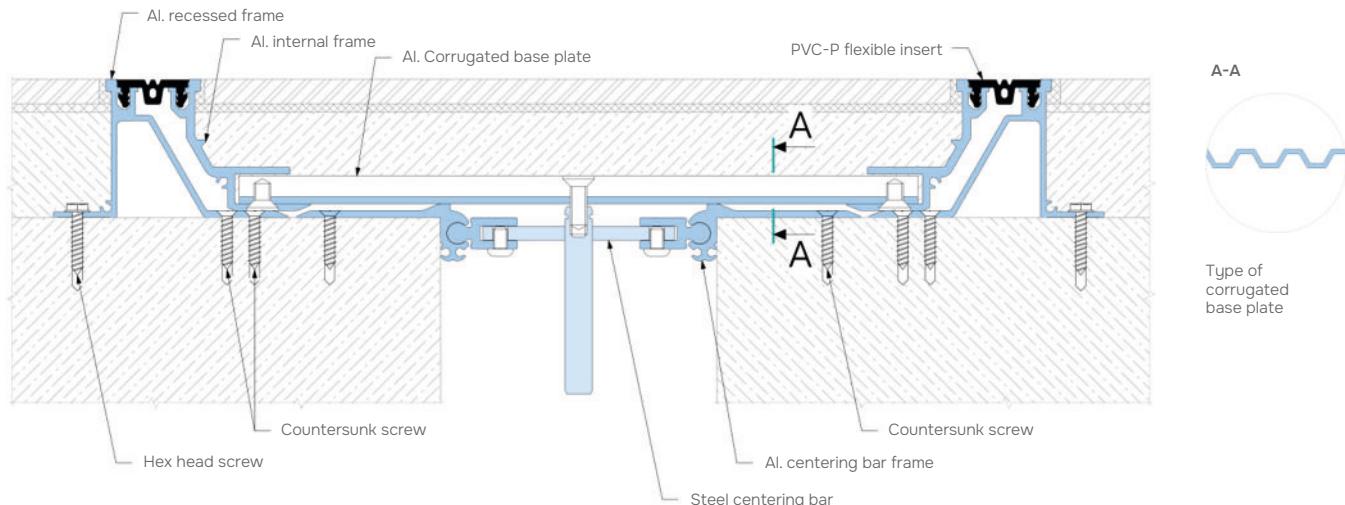
Note: The corner and straight profiles of the SV 29 series do not join in length. If there is an expansion joint consisting of straight and corner sections, use profile Dewmark Standard SV 30 in a straight and corner version.

► LABELING

(example)



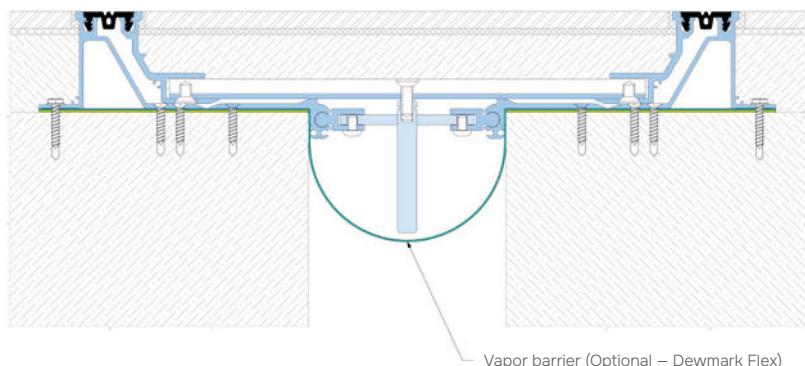
► EQUIPMENT PROFILE



► 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.

