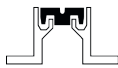
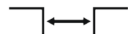




For seismic zone



Recess mounted



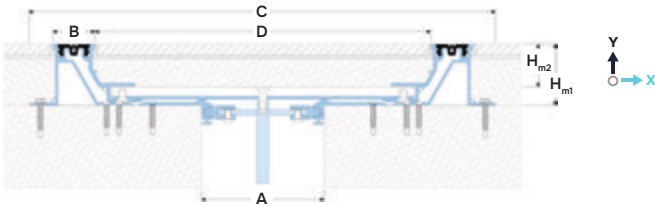
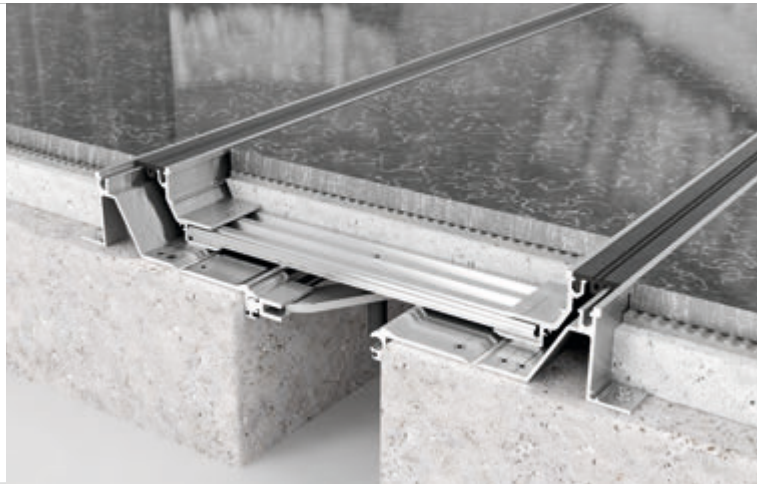
Joint width 50-1000 mm



Movements in 6 planes



Indoor/outdoor



DESIGNATIONS:

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

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/... ⁵	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/... ⁵	80	35	23	115 ²			80 (±40) ³	20 (±10) ⁵	-5	50	–	–	–
SV 29/100-255/... ⁵	100	35	23	145 ²			100 (±50) ³	20 (±10) ⁵	-7	50	–	–	–
SV 29/150-255/... ⁵	150	35	23	220 ²			150 (±75) ³	20 (±10) ⁵	-7	50	–	–	–
SV 29/200-255/... ⁵	200	35	23	295 ²			200 (±100) ³	20 (±10) ⁵	-7	50	–	–	–
SV 29/250-255/... ⁵	250 ⁴	35	23	370 ²			250 (±125) ³	20 (±10) ⁵	-10	pedestrian			
SV 29/300-255/... ⁵	300 ⁴	35	23	445 ²			300 (±150) ³	20 (±10) ⁵	-10	pedestrian			
SV 29/400-255/... ⁵	400 ⁴	35	23	595 ²			400 (±200) ³	20 (±10) ⁵	-10	pedestrian			
SV 29/500-255/... ⁵	500 ⁴	35	23	745 ²			500 (±250) ³	20 (±10) ⁵	-10	pedestrian			

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

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

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

⁴For 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.

⁵The 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 DUALLINE Standard profiles" or ask for additional information).

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

▶ TECHNICAL DATA

→ **PROFILE**

Material	Aluminum EN AW 6063 T6 (T66 ⁴)
Strength, MPa	σ _s =205 (255 ⁴)
Tolerances	EN 12020-2:2008
Tooling	Mounting holes
Fasteners	Included (Screws Rawlplug)
Surface coat	Mill finish ⁵
Length, m	3,0

⁴For EU market

⁵The 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				
Color⁷	<table border="1" style="display: inline-table;"> <tr> <td>9005</td> <td>7035</td> <td>7037</td> <td>1015</td> </tr> </table>	9005	7035	7037	1015
9005	7035	7037	1015		

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

⁸On 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.

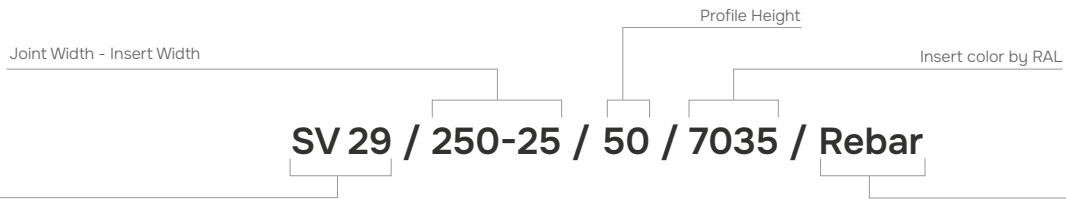
Example: SV-E 29/100-25/50



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 DUALLINE Standart SV 30 in a straight and corner version.

▶ LABELING

(example)



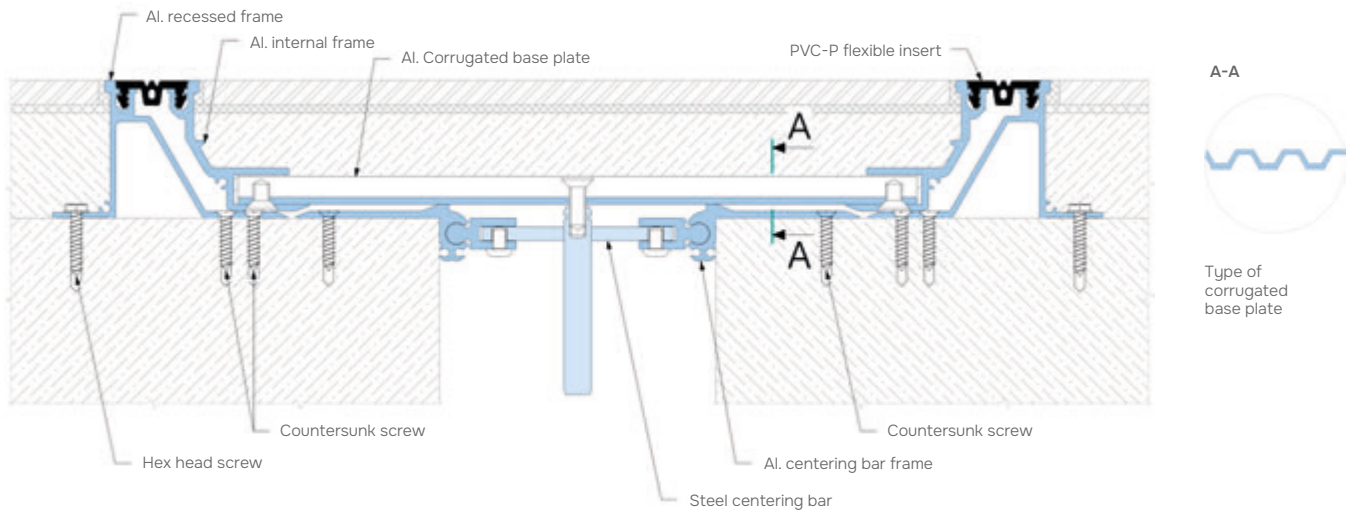
Profile Series:

SV 29 – standard version

SV-E 29 (marked if required – see “Corner version”)

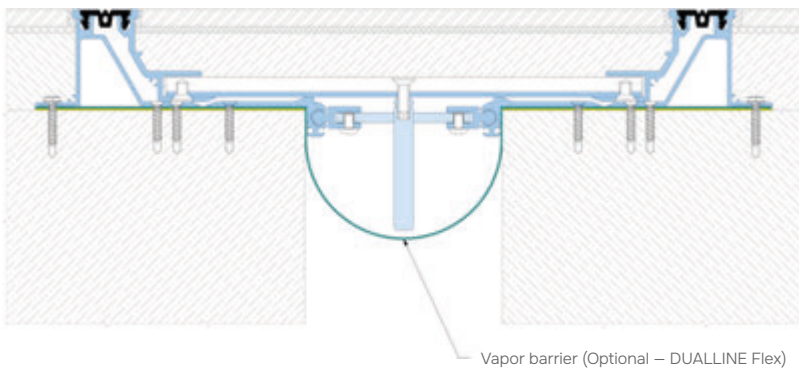
Rebar designation, if applicable

▶ 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.

