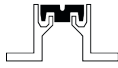
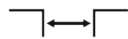




For seismic zone



Recess mounted



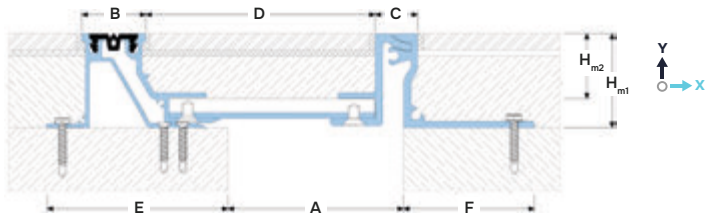
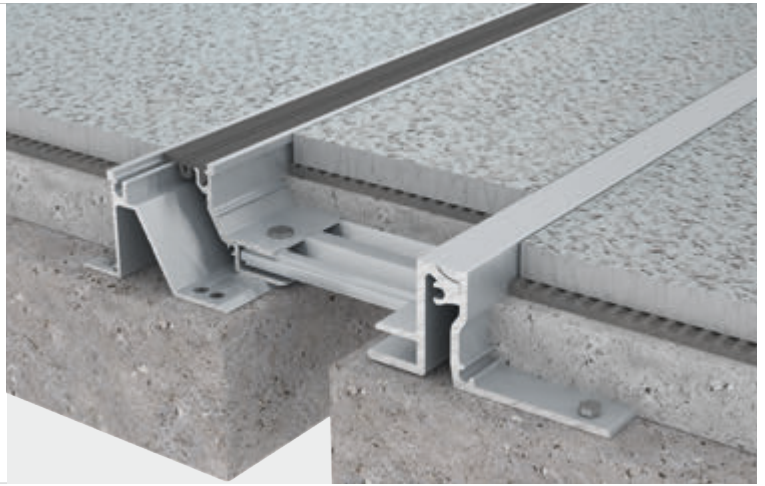
Joint width 50-1000 mm



Movements in 6 planes



Indoor/  
outdoor



**DESIGNATIONS:**

A – nominal joint width;  
B – visible insert width;  
C – visible insert width;  
D – middle part width;  
E – min left width seat;  
F – min right width seat;

$H_{m1}$  – 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 <sup>1</sup>	B	C	D	E	F	$H_{m1}$ <sup>6</sup>	$H_{m2}$	$M_s$		$M_x$	$M_y$
SV 30-29/50-25/... <sup>6</sup>	50	35	23	75 <sup>2</sup>	95	75	50, 75, 100	$H_{m2} = H_{m1} - 18$	50 (±25) <sup>3</sup>	12 (±6) <sup>5</sup>	-5	pedestrian
SV 30-29/80-25/... <sup>6</sup>	80	35	23	120 <sup>2</sup>	115	75			80 (±40) <sup>3</sup>	12 (±6) <sup>5</sup>	-5	pedestrian
SV 30-29/100-25/... <sup>6</sup>	100	35	23	150 <sup>2</sup>	120	75			100 (±50) <sup>3</sup>	12 (±6) <sup>5</sup>	-7	pedestrian
SV 30-29/150-25/... <sup>6</sup>	150	35	23	225 <sup>2</sup>	145	75			150 (±75) <sup>3</sup>	12 (±6) <sup>5</sup>	-7	pedestrian
SV 30-29/200-25/... <sup>6</sup>	200	35	23	300 <sup>2</sup>	170	75			200 (±100) <sup>3</sup>	12 (±6) <sup>5</sup>	-7	pedestrian
SV 30-29/250-25/... <sup>6</sup>	250 <sup>4</sup>	35	23	375 <sup>2</sup>	195	75			250 (±125) <sup>3</sup>	12 (±6) <sup>5</sup>	-10	pedestrian
SV 30-29/300-25/... <sup>6</sup>	300 <sup>4</sup>	35	23	450 <sup>2</sup>	220	75			300 (±150) <sup>3</sup>	12 (±6) <sup>5</sup>	-10	pedestrian
SV 30-29/400-25/... <sup>6</sup>	400 <sup>4</sup>	35	23	600 <sup>2</sup>	270	75			400 (±200) <sup>3</sup>	12 (±6) <sup>5</sup>	-10	pedestrian
SV 30-29/500-25/... <sup>6</sup>	500 <sup>4</sup>	35	23	750 <sup>2</sup>	320	75			500 (±250) <sup>3</sup>	12 (±6) <sup>5</sup>	-10	pedestrian

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

<sup>2</sup> 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".

<sup>3</sup>  $M_s$  – allowable movements occurring in the event of seismic activity.

<sup>4</sup> 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.

<sup>5</sup> 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 ±4 to ±20 (see "Type of inserts for DUALLINE Standard profiles" or ask for additional information).

<sup>6</sup> ... - Standard profile installation height  $H_{m1}$ .

► **TECHNICAL DATA**

→ **FRAME**

Material	Aluminum EN AW 6063 T6 (T66 <sup>9</sup> )
Strength, MPa	$\sigma_b = 205$ (250 <sup>9</sup> )
Tolerances	EN 12020-2:2008
Length, m	3,0
Tooling	Perforated holes
Surface coat	Without coating
Fasteners	Included

→ **FLEXIBLE INSERT<sup>8</sup>**

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

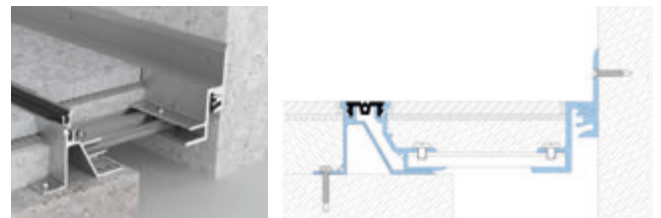
<sup>7</sup> On request, the insert can be made in any RAL color (ask for details).

<sup>8</sup> On request it is possible to manufacture inserts with other geometries (see "Non-standard insert types").

► **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 30-29/100-25/50

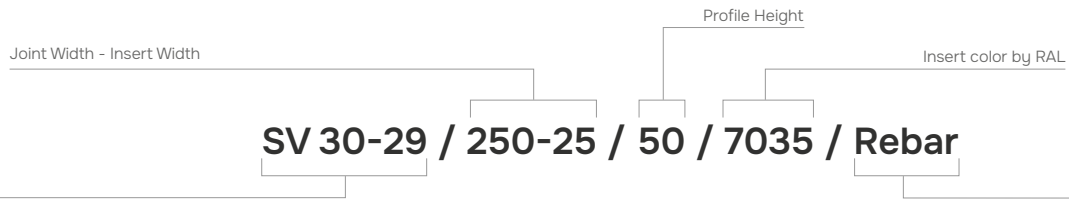


► **NOTE**

The profile cannot be installed at the X- and T-intersections of expansion joints. Only straight installation is allowed (including L-intersections).

## ▶ LABELING

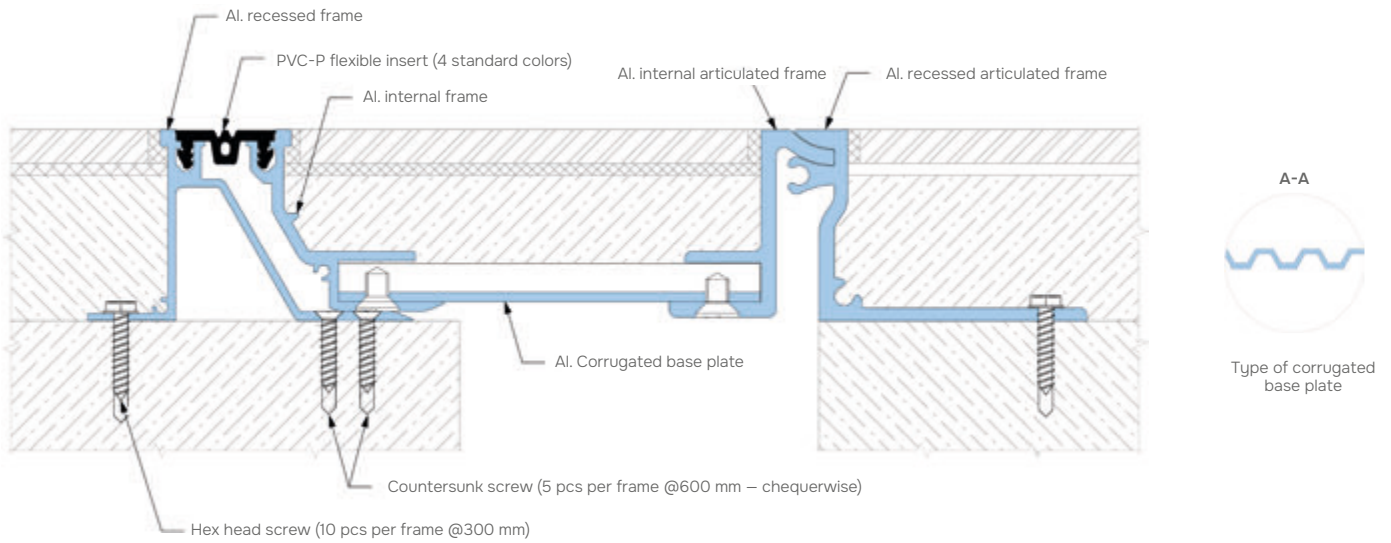
(example)



Profile Series:  
 SV 30-29 – standard version  
 SV-E 30-29 (marked if required – see “Corner version”)

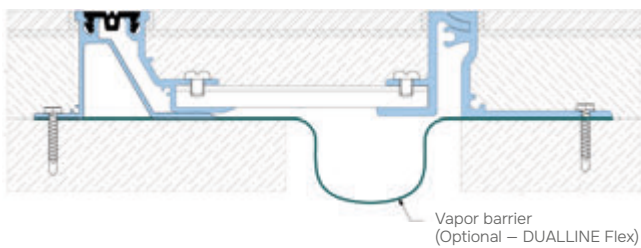
Rebar designation, if applicable

## ▶ EQUIPMENT PROFILE

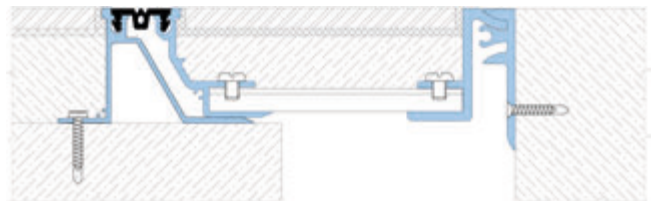


## ▶ EXECUTION OPTIONS

●●●  
 Using a vapor barrier for waterproofing an expansion joint.



●●●  
 Use of the DUALLINE Standart SV 30-29 profile for installation in floors already finished on one side. Request details.



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

