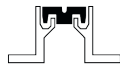


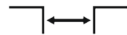
# DUALLINE HEAVY SV 49



Loads up  
to 600 kN



Recess  
mounted



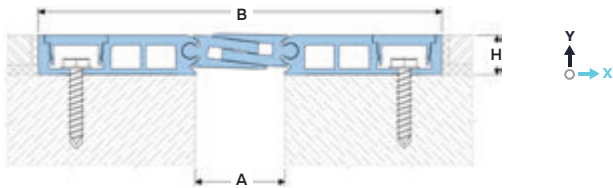
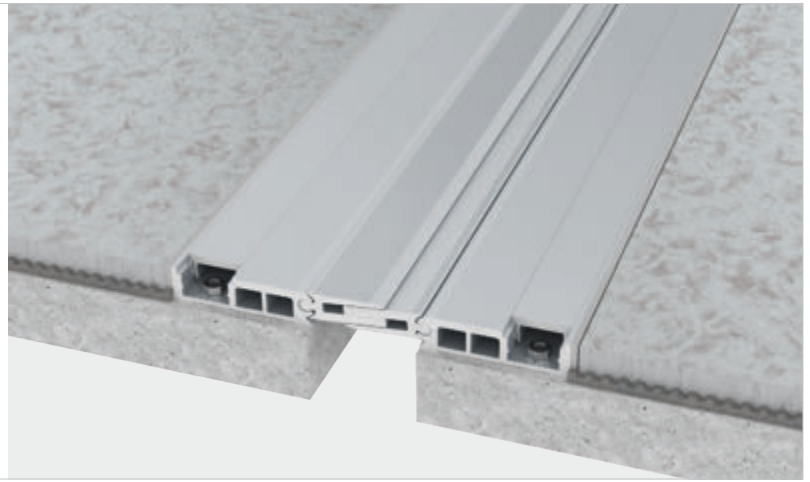
Joint width  
30-200 mm



Movements  
in 3 planes



Indoor/  
outdoor<sup>1</sup>



## DESIGNATIONS:

A – nominal joint width;  
B – visible width;  
H – installation height;

$M_x$  – horizontal movements;  
 $M_y$  – Y-axis movements.

Profile	Sizes, mm			Movements, mm		Permissible loads <sup>3</sup> (kN)			
	A	B	H	$M_x$	$M_y$				
SV 49/30/20	30	190	20	10 (+5/-5)	10 (+5/-5)	50	600	70	20
SV 49/45/20	45	205	20	14 (+7/-7)	10 (+5/-5)	50	600	70	20
SV 49/60/20	60	220	20	24 (+12/-12)	20 (+10/-10)	50	600	70	20
SV 49/80/20	80	240	20	30 (+15/-15)	34 (+17/-17)	50	600	70	15
SV 49/100/20	100	260	20	44 (+22/-22)	40 (+20/-20)	50	600	70	10
SV 49/110/20	110	270	20	24 (+12/-12)	20 (+10/-10)	50	300	30	5
SV 49/130/20	130	290	20	30 (+15/-15)	34 (+17/-17)	50	100	30	–
SV 49/150/20	150	310	20	30 (+15/-15)	34 (+17/-17)	50	50	–	–
SV 49/200/20	200	360	20	44 (+22/-22)	50 (+25/-25)	50	–	–	–

<sup>1</sup>It 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.

## ▶ TECHNICAL DATA

### → FRAME AND INSERT

<b>Material</b>	Aluminum EN AW 6063 T6 (T66 <sup>2</sup> )
<b>Strength, MPa</b>	$\sigma_b=205$ (255 <sup>2</sup> )
<b>Tolerances</b>	EN 12020-2:2008
<b>Tooling</b>	Mounting holes
<b>Fasteners</b>	Optional (Screws Rawlplug)
<b>Surface coat</b>	Without coating <sup>3</sup>
<b>Length, m</b>	3,0

<sup>2</sup> For EU market.

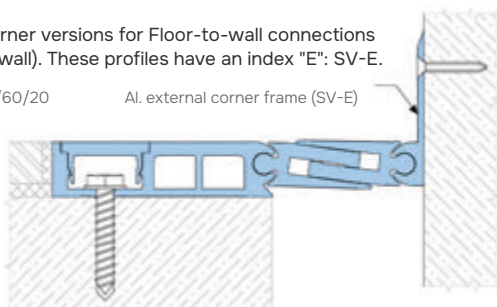
<sup>3</sup> The profile can be optionally anodized (ask for details).

## ▶ CORNER VERSION

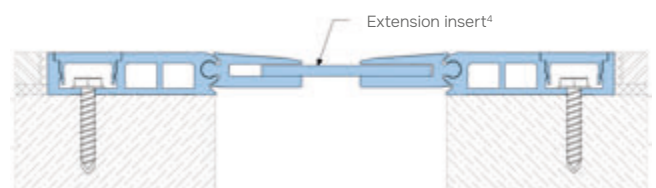
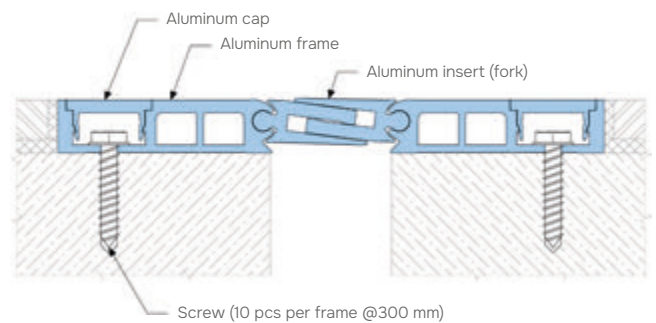
Profiles have corner versions for Floor-to-wall connections (joint along the wall). These profiles have an index "E": SV-E.

Example: SV-E 49/60/20

Al. external corner frame (SV-E)



## ▶ EQUIPMENT PROFILE



<sup>4</sup>Profiles for a joint width of 110 mm are completed with an extension insert: SV 49/115, SV 49/135, SV 49/155, SV 49/195