

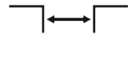
DUALLINE HEAVY SV 46



Loads up to 600 kN



Top mounted



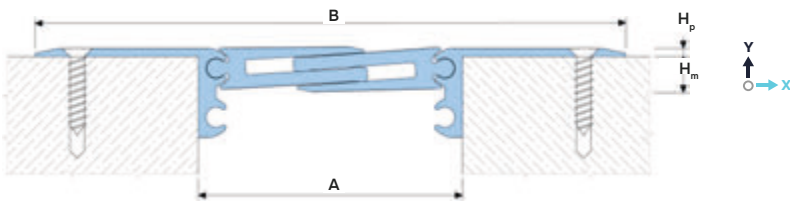
Joint width 150-500 mm



Movements in 3 planes



Indoor/outdoor²



DESIGNATIONS:

A – nominal joint width;
B – visible width;
H_p – profile height;

H_m – installation depth;
M_x – horizontal movements;
M_y – vertical movements;

Profile	Sizes, mm				Movements, mm		Permissible loads ¹ (kN)			
	A	B	H _p	H _m	M _x	M _y				
SV 46/155	155	350	5	48	54 (±27)	60 (±30)	50	600	140	20
SV 46/180	180	375	5	48	70 (±35)	70 (±35)	50	600	140	20
SV 46/210	210	405	5	48	80 (±40)	80 (±40)	50	600	140	20
SV 46/230	230	425	5	48	60 (±30)	60 (±30)	50	300	90	10
SV 46/250	250	445	5	48	60 (±30)	60 (±30)	50	300	90	10
SV 46/300	300	495	5	48	70 (±35)	70 (±35)	50	300	90	10
SV 46/350	350	545	5	48	80 (±40)	90 (±45)	50	100	70	5
SV 46/400	400	595	5	48	100 (±50)	100 (±50)	50	100	50	5
SV 46/500	500	695	5	48	100 (±50)	100 (±50)	50	100	30	5

¹The profile is suitable for parking lots and similar buildings and is not intended for open areas with free movement of vehicles at speeds exceeding 10 km/h.

²It 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

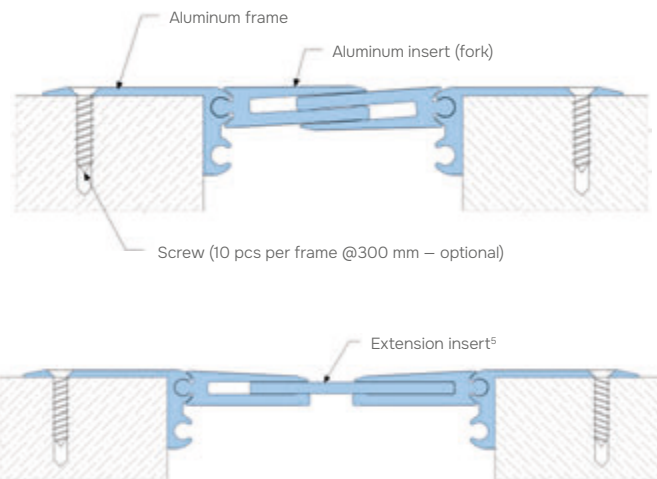
→ FRAME AND INSERT

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

³For EU market.

⁴The profile can be optionally anodized (ask for details).

▶ EQUIPMENT PROFILE



⁵ Profiles for a joint width of 230 mm are completed with an extension insert:
- SV 46/230, SV 46/250, SV 46/300, SV 46/350, SV 46/400, SV 46/500,

▶ LABELING

(example)



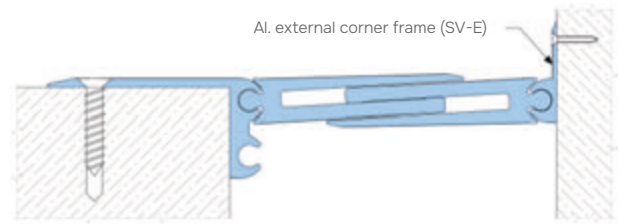
Profile Series:

SV 46 – standard version

SV-E 46 – marked if required – see “Corner version”

▶ CORNER VERSION

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

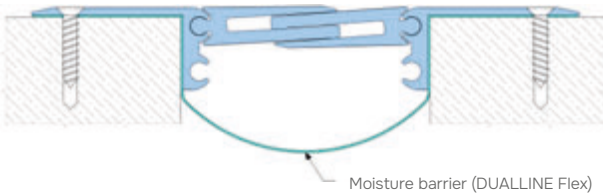


Example: SV-E 46/160

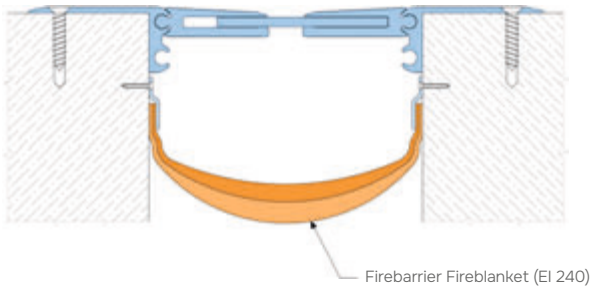
▶ EXECUTION OPTIONS



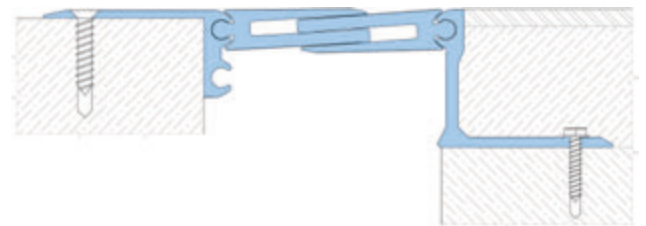
Using a moisture barrier for waterproofing an expansion joint.



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



Different height version of the profile.



Example: SV 45-46/135-155/80