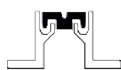
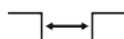




For seismic
zone



Recess
mounted



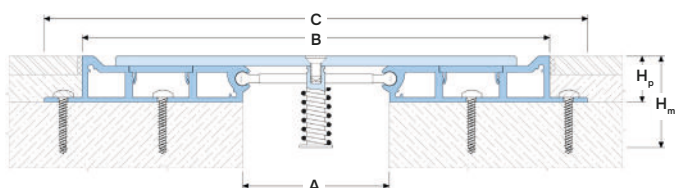
Joint width
50-500 mm



Movements
in 3 planes



Indoor/
outdoor



DESIGNATIONS:

A – nominal joint width;
B – visible width;
C – full width (min mounting seat);
H_p – installation height;

H_m – eccentric penetration depth⁵;
M_s – seismic movements;
M_x – horizontal movements;
M_y – vertical movements.

Profile	Cover type ³	Sizes, mm				Movements, mm			Permissible loads (kN)			
		A ²	B	C	H _p	M _s ⁵	M _x	M _y				
SV 58/50/... ¹	.1 / .3 / .5	50	225	270	25, 50 75, 100	Up to ±100% ⁵	110 (+70/-40)	10 (+5/-5)	50	600	90 ⁴	30
SV 58/80/... ¹	.1 / .3 / .5	80	255	300		Up to ±100% ⁵	140 (+70/-70)	16 (+8/-8)	50	600	90 ⁴	30
SV 58/100/... ¹	.1 / .3 / .5	100	275	320		Up to ±100% ⁵	140 (+70/-70)	20 (+10/-10)	50	600	90 ⁴	30
SV 58/125/... ¹	.1 / .3 / .5	125	300	345		Up to ±100% ⁵	140 (+70/-70)	26 (+13/-13)	50	300	70 ⁴	20
SV 58/150/... ¹	.1 / .3 / .5	150	325	370		Up to ±100% ⁵	140 (+70/-70)	30 (+15/-15)	50	300	70 ⁴	20
SV 58/200/... ¹	.1 / .3 / .5	200	375	420		Up to ±100% ⁵	140 (+70/-70)	40 (+20/-20)	50 ⁴	100	50 ⁴	10
SV 58/250/... ¹	.1 / .3 / .5	250	425	470		Up to ±100% ⁵	140 (+70/-70)	40 (+20/-20)	50 ⁴	50	30 ⁴	10
SV 58/300/... ¹	.1 / .3 / .5	300	475	520		Up to ±100% ⁵	140 (+70/-70)	40 (+20/-20)	50 ⁴	50	30 ⁴	5
SV 58/400/... ¹	.1 / .3 / .5	400	575	620		Up to ±100% ⁵	140 (+70/-70)	40 (+20/-20)	50 ⁴	—	—	5
SV 58/500/... ¹	.1 / .3 / .5	500	675	720		Up to ±100% ⁵	140 (+70/-70)	40 (+20/-20)	50 ⁴	—	—	—

¹... – installation height to choose from standard (see H).

² Standard expansion joint width shown. The profile can be made to the required width from 50 to 500 mm.

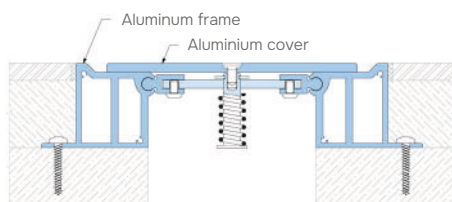
³ The cover can be made in a choice of different materials. See "Cover Types".

⁴ Not for cover type .1 – For the aluminum cover (.1), the loads are 30% less for constant vehicle traffic. Solid wheels are not allowed. Consider the Dewmark Heavy SV 51 or Dewmark Metall series.

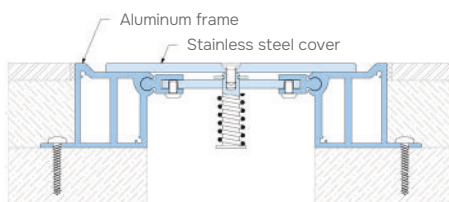
⁵ The standard allowable movement for seismic joints is specified as +/-50% of the joint width. On request, the profile can be produced with allowable seismic movements up to +/-100% of the joint width - request additional data.

COVER TYPES

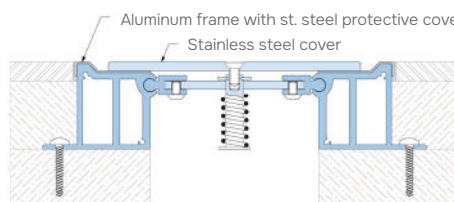
→ .1 (SV 58.1)



→ .3 (SV 58.3)

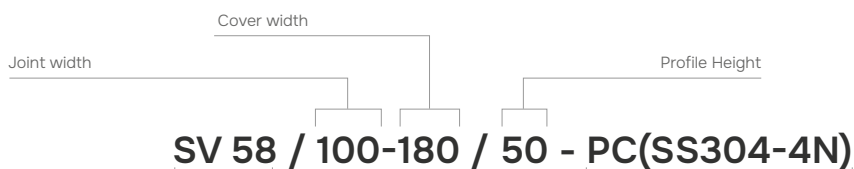


→ .5 (SV 58.5)



► LABELING

(example)



Profile Series:

SV 58.1 – standard version (all aluminum parts);

SV 58.3 – The cover is made of stainless steel;

SV 58.5 – The cover and protective cover are made of stainless steel.

Only applicable for SV 58.5 series. Indicates the protective cover on the profile frame and its material.

► TECHNICAL DATA

→ FRAME

Material	Aluminum EN AW 6063 T6 (T66 ⁷)
Tolerances	EN 12020-2:2008
Strength, MPa	$\sigma_b = 250^7$
Length, m	3,0
Tooling	Mounting holes
Fasteners	Included (Screws Rawlplug R-LX-5x50-HF)

⁶ On request, the cover can be made of other types of stainless steel: AISI 316, 430 or others.

⁷ For EU market.

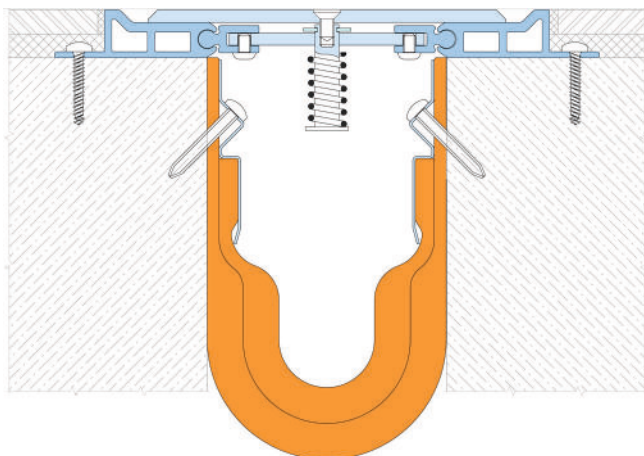
→ COVER

Material	Aluminum EN AW 6063 T66	AISI 304 ⁶ (1.4301)
Strength, MPa	$\sigma_b = 250$	$\sigma_b = 515$
Tolerances	EN 12020-2	EN 1090-2
Length, m	3,0	3,0
Tooling	Mounting holes	Mounting holes
Surface coat	Mill finish	See "Stainless steel surface finishes"

► EXECUTION OPTIONS

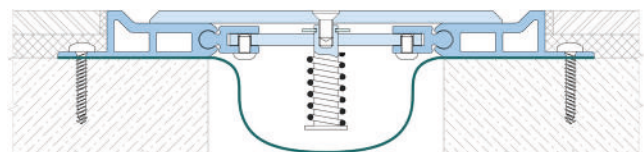
●●

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



●●

Using a vapor barrier for waterproofing an expansion joint.



► EQUIPMENT PROFILE



► 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 58.3/100-150(SS)/25

