



**DEWMARK
HEAVY**

SV-ZZ 51



For seismic zone



Joint width 50-500 mm



Recess mounted



Loads up to 100 kN



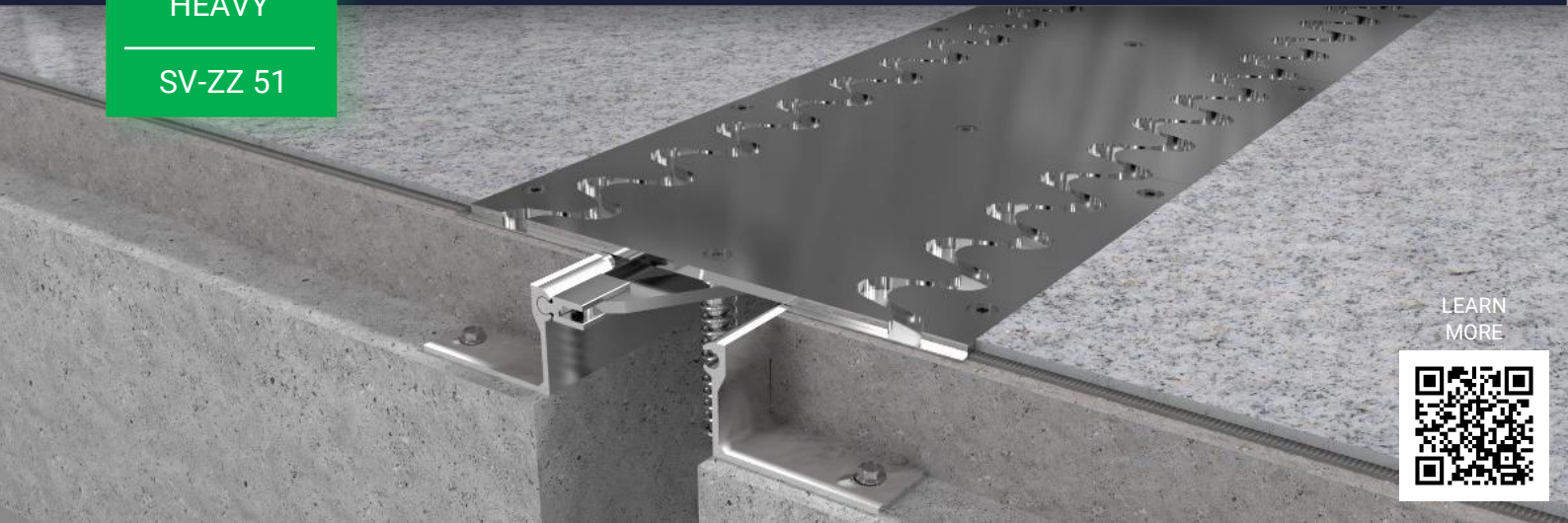
Movements in 3 directions



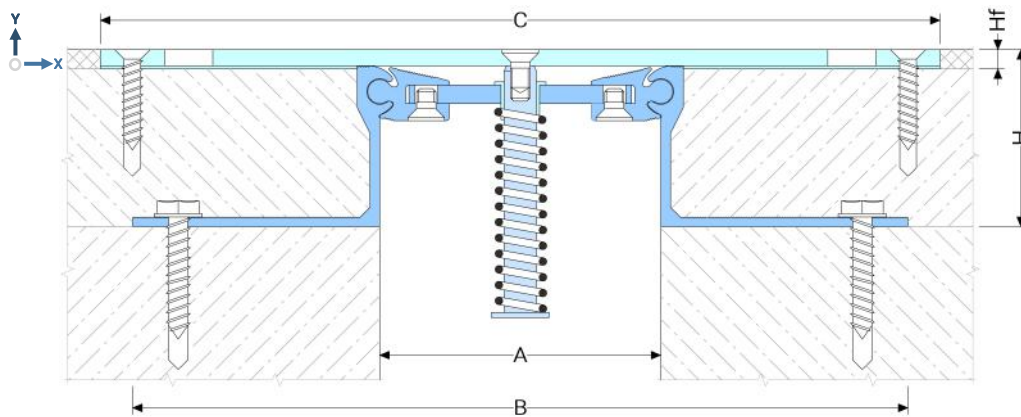
Protection rating IP 32



Indoor/outdoor



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Technical data	
MATERIAL	Profile: aluminium EN AW 6063T66 Cover plate: aluminium EN AW 6063T66 or AISI 304
LENGTH	Profile: 3 meters
STANDARD COLOR	silvery white

Profile	A ² (mm)	B (mm)	C (mm)	H _p (mm)	H ¹ (mm)	M _x (mm)	Permissible loads (kH)			
SV-ZZ 51/50/... ¹	50	210	224	6	16 ^{+H_p} / 20 ^{+H_p} / 25 ^{+H_p} / 34 ^{+H_p} / 50 ^{+H_p} / 70 ^{+H_p} / 80 ^{+H_p} / 100 ^{+H_p} / 110 ^{+H_p} / 120 ^{+H_p} / 150 ^{+H_p} / h ³	50 (+25/-25)	30	100	30	5
SV-ZZ 51/100/... ¹	100	260	274	6		120 (+60/-60)	30	100	30	5
SV-ZZ 51/150/... ¹	150	310	344	6		160 (+80/-80)	30	100	30	5
SV-ZZ 51/200/... ¹	200	360	424	6		220 (+110/-110)	30	100	30	5
SV-ZZ 51/300/... ¹	300	460	564	7		300 (+150/-150)	30	100	30	—
SV-ZZ 51/400/... ¹	400	560	714	9		400 (+200/-200)	30	100	—	—
SV-ZZ 51/500/... ¹	500	660	864	9		500 (+250/-250)	30	—	—	—

¹... — Standard mounting height of the profile "H".

²A — The profile can be made to any specific expansion joint width from 50 mm. Request additional data.

³h — The profile can be produced to the required specific height from 60 mm. Request additional data.

Description

The Dewmark Heavy SV 51 profile is a reinforced and upgraded version of the SV 51 profile with sinus engagement for shock-free movement of the expansion joint and increased load requirements.

Suitable for most types of flooring and can withstand significant loads.

Corner version

All profiles have an corner version (floor to wall under an angle of 90 degrees). This profile is denoted by the index "E":
example SV-E 51/100/50

Optional

The profile can be completed with:

- Fasteners.
- Moisture barrier.
- Fire barrier (up to EI 240 – 4 hours).

On request

- On request, the profile is made for the required expansion joint width and possible movements.