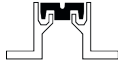
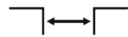




For seismic zone



Recess mounted



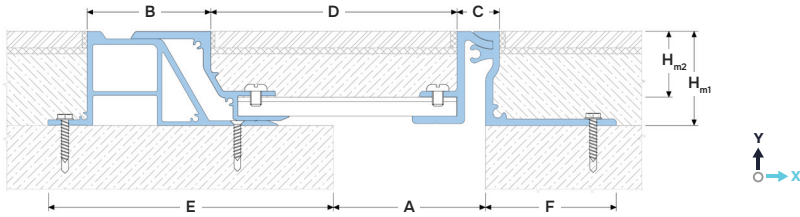
Joint width 50-1000 mm



Movements in 6 planes



Indoor/ outdoor



**DESIGNATIONS:**

- A – nominal joint width;
- B – visible width;
- C – visible 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>5</sup> | $H_{m2}$               | $M_s$                   |                        | $M_x$ | $M_y$      |
| SV 30-31/50/... <sup>5</sup>  | 50               | 66 | 23 | 75 <sup>2</sup>  | 125 | 75 | 50, 75, 100           | $H_{m2} = H_{m1} - 18$ | 50 (±25) <sup>3</sup>   | 26 (±13)               | -5    | pedestrian |
| SV 30-31/80/... <sup>5</sup>  | 80               | 66 | 23 | 120 <sup>2</sup> | 140 | 75 |                       |                        | 80 (±40) <sup>3</sup>   | 26 (±13)               | -5    | pedestrian |
| SV 30-31/100/... <sup>5</sup> | 100              | 66 | 23 | 150 <sup>2</sup> | 150 | 75 |                       |                        | 100 (±50) <sup>3</sup>  | 26 (±13)               | -7    | pedestrian |
| SV 30-31/150/... <sup>5</sup> | 150              | 66 | 23 | 225 <sup>2</sup> | 175 | 75 |                       |                        | 150 (±75) <sup>3</sup>  | 26 (±13)               | -7    | pedestrian |
| SV 30-31/200/... <sup>5</sup> | 200              | 66 | 23 | 300 <sup>2</sup> | 200 | 75 |                       |                        | 200 (±100) <sup>3</sup> | 26 (±13)               | -7    | pedestrian |
| SV 30-31/250/... <sup>5</sup> | 250 <sup>4</sup> | 66 | 23 | 375 <sup>2</sup> | 225 | 75 |                       |                        | 250 (±125) <sup>3</sup> | 26 (±13)               | -10   | pedestrian |
| SV 30-31/300/... <sup>5</sup> | 300 <sup>4</sup> | 66 | 23 | 450 <sup>2</sup> | 250 | 75 |                       |                        | 300 (±150) <sup>3</sup> | 26 (±13)               | -10   | pedestrian |
| SV 30-31/400/... <sup>5</sup> | 400 <sup>4</sup> | 66 | 23 | 600 <sup>2</sup> | 300 | 75 |                       |                        | 400 (±200) <sup>3</sup> | 26 (±13)               | -10   | pedestrian |
| SV 30-31/500/... <sup>5</sup> | 500 <sup>4</sup> | 66 | 23 | 750 <sup>2</sup> | 350 | 75 |                       |                        | 500 (±250) <sup>3</sup> | 26 (±13)               | -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> ... - Standard profile installation height  $H_{m1}$ .

► **TECHNICAL DATA**

→ **FRAME**

|                      |  |
|----------------------|--|
| <b>Material</b>      | Aluminum EN AW 6063 T6 (T66 <sup>6</sup> ) |
| <b>Strength, MPa</b> | $\sigma_b = 205$ (250 <sup>6</sup> )       |
| <b>Tolerances</b>    | EN 12020-2:2008                            |
| <b>Length, m</b>     | 3,0  |
| <b>Tooling</b>       | Perforated holes                           |
| <b>Surface coat</b>  | Mill finish <sup>7</sup>                   |
| <b>Fasteners</b>     | Included                                   |

<sup>6</sup> For EU market.

<sup>7</sup> The profile can be optionally anodized, stainless steel or brass surface (ask for details).

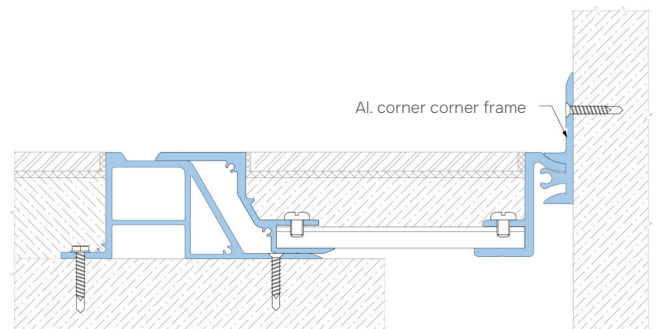
► **NOTE**

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

► **CORNER VERSION**

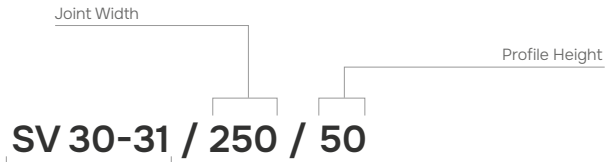
All profiles have corner versions for floor-to-wall connections (joint along the wall). These profiles have an "E" index: SV-E.

Example: SV-E 30-31/100/50



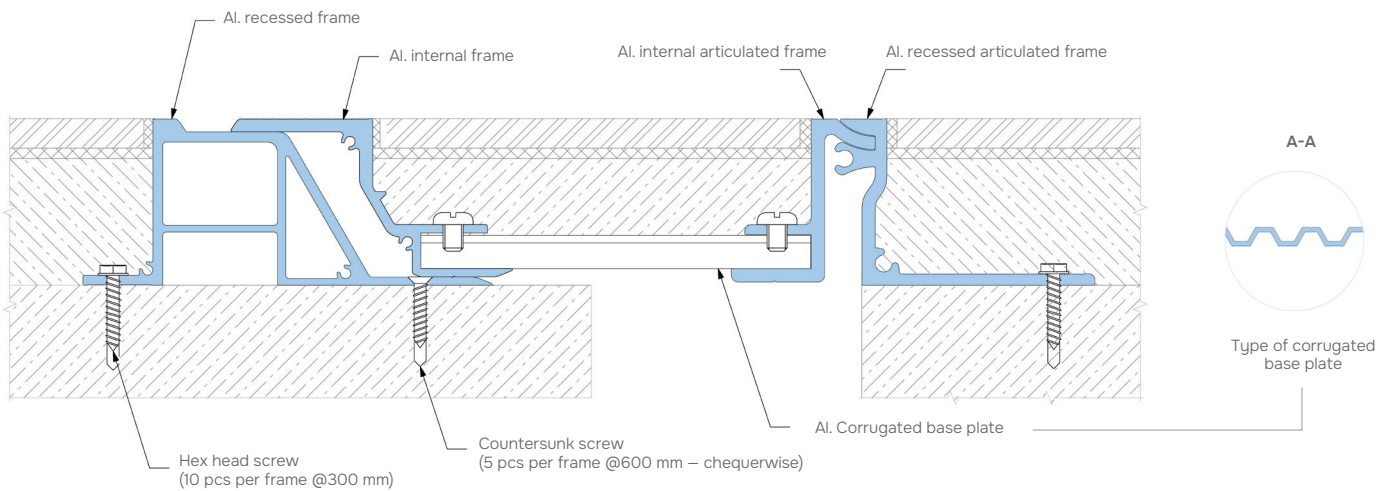
▶ LABELING

(example)



Profile Series:  
 SV 30-31 – standard version  
 SV-E 30-32 (marked if required – see “Corner version”)

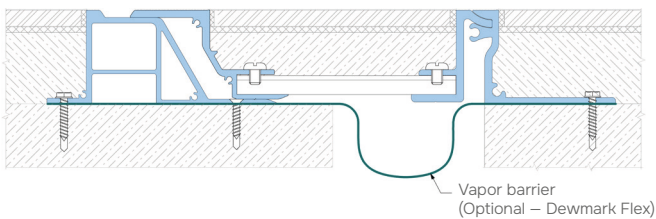
▶ EQUIPMENT PROFILE



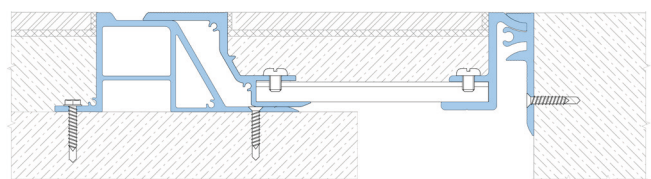
▶ EXECUTION OPTIONS



Using a vapor barrier for waterproofing an expansion joint.



Use of the Dewmark Standart SV 30-31 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.

