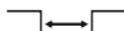


Recess
mounted



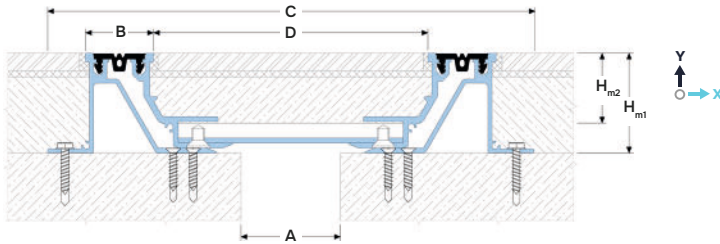
Joint width
50-500 mm



Movements
in 6 planes



Indoor/
outdoor



DESIGNATIONS:

- A – nominal joint width;
- B – visible insert width;
- C – full width (min mounting seat);
- D – internal visible width;
- H_{m1} – installation height;
- H_{m2} – depth of internal frame;
- H_s – seismic movements;
- M_x – horizontal movements;
- M_y – vertical movements.

| Profile | Sizes, mm | | | | | | Movements, mm | | Permissible loads (kN) | | | |
|-------------------------------|------------------|----|-----|------------------|---------------------|--|----------------------|----------------|------------------------|--|--|--|
| | A ¹ | B | C | D | ...=H _{m1} | H _{m2} | M _x | M _y | | | | |
| SV 28/50-25 ³ /50 | 50 | 35 | 235 | 130 ² | 50, 70, 100 | H _{m2} = H _{m1} -18 | 10 (±5) ⁵ | -5 | pedestrian | | | |
| SV 28/80-25 ³ /50 | 80 | 35 | 265 | 160 ² | | | 10 (±5) ⁵ | -5 | pedestrian | | | |
| SV 28/100-25 ³ /50 | 100 | 35 | 285 | 180 ² | | | 10 (±5) ⁵ | -7 | pedestrian | | | |
| SV 28/150-25 ³ /50 | 150 | 35 | 335 | 230 ² | | | 10 (±5) ⁵ | -7 | pedestrian | | | |
| SV 28/200-25 ³ /50 | 200 | 35 | 385 | 280 ² | | | 10 (±5) ⁵ | -7 | pedestrian | | | |
| SV 28/250-25 ³ /50 | 250 ⁴ | 35 | 435 | 330 ² | | | 10 (±5) ⁵ | -10 | pedestrian | | | |
| SV 28/300-25 ³ /50 | 300 ⁴ | 35 | 485 | 380 ² | | | 10 (±5) ⁵ | -10 | pedestrian | | | |
| SV 28/400-25 ³ /50 | 400 ⁴ | 35 | 585 | 480 ² | | | 10 (±5) ⁵ | -10 | pedestrian | | | |
| SV 28/500-25 ³ /50 | 500 ⁴ | 35 | 685 | 580 ² | | | 10 (±5) ⁵ | -10 | pedestrian | | | |

¹ Standard expansion joint width shown. The profile can be made to the required width from 50 to 500 mm.

² 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 "C".

³ The figure indicated after the joint width and the value of the displacement Mx is indicated for the flexible insert 21/24-25. It is possible to use other inserts with a movement limit of ±2 to ±14 (see "Type of inserts for Dewmark Standard profiles" or ask for additional information).

► **TECHNICAL DATA**

→ **FRAME**

| | |
|----------------------|--|
| Material | Aluminum EN AW 6063 T6 (T66 ⁶) |
| Strength, MPa | σ _b =205 (250 ⁶) |
| Tolerances | EN 12020-2:2008 |
| Length, m | 3,0 |
| Tooling | Perforated holes |
| Surface coat | Without coating |
| Fasteners | Included |

→ **FLEXIBLE INSERT⁵**

| | | | | | |
|--------------------------|---|------|------|------|------|
| Material | PVC-P | | | | |
| Resistant | -30...+100 °C, UV+O ₃ – resistant | | | | |
| Length, m | 20 meters per roll | | | | |
| Color⁴ | <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="background-color: #202020; color: white;">9005</td> <td style="background-color: #808080; color: white;">7035</td> <td style="background-color: #404040; color: white;">7037</td> <td style="background-color: #ffff00; color: black;">1015</td> </tr> </table> | 9005 | 7035 | 7037 | 1015 |
| 9005 | 7035 | 7037 | 1015 | | |

⁴ On request, the insert can be made in any RAL color (ask for details).

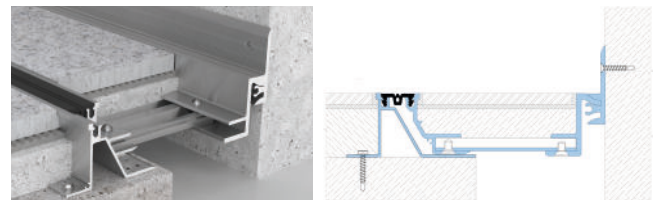
⁵ On request it is possible to manufacture inserts with other geometries (see "Non-standard insert types").

⁶ For EU market

► **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 28/100-25/50



► **LABELING**

SV 28/250-25/50/7035/Rebar

