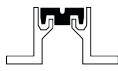
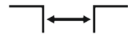




For seismic zone



Recess mounted



Joint width 50-500 mm



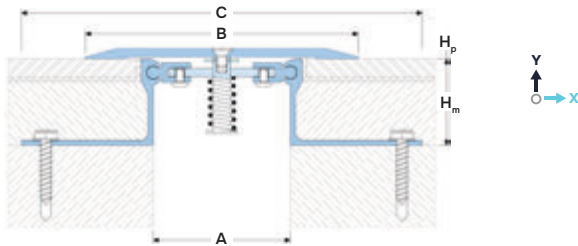
Movements in 3 planes



Indoor/outdoor



Loads up to 100 kN



### DESIGNATIONS:

A – nominal joint width;  
B – visible width;  
C – mounting seat;  
H<sub>m</sub> – profile height;

H<sub>p</sub> – cover height;  
M<sub>x</sub> – horizontal movements;  
M<sub>y</sub> – vertical movements;

| Profile                    | Cover type <sup>4</sup> | Sizes, mm      |                |     |   |                | Movements <sup>3</sup> , mm |                | Permissible loads <sup>5</sup> (kN) |     |    |   |
|----------------------------|-------------------------|----------------|----------------|-----|---|----------------|-----------------------------|----------------|-------------------------------------|-----|----|---|
|                            |                         | A <sup>2</sup> | B <sup>3</sup> | C   | ...=H <sub>m</sub>  | B <sub>p</sub> | M <sub>x</sub>              | M <sub>y</sub> |                                     |     |    |   |
| SV 50/50/... <sup>1</sup>  | .1 / .3                 | 50             | 100            | 200 | 16, 20,<br>25, 34,<br>50, 70,<br>80, 100,<br>110, 120,<br>150, h <sup>6</sup> | 4              | 50 (±25)                    | 10 (±5)        | 50                                  | 100 | 30 | 5 |
| SV 50/75/... <sup>1</sup>  | .1 / .3                 | 75             | 120            | 230 |   | 4              | 80 (±40)                    | 20 (±10)       | 50                                  | 100 | 30 | 5 |
| SV 50/100/... <sup>1</sup> | .1 / .3                 | 100            | 150            | 250 |   | 5              | 100 (±50)                   | 30 (±15)       | 50                                  | 100 | 30 | 5 |
| SV 50/150/... <sup>1</sup> | .1 / .3                 | 150            | 220            | 300 |   | 5              | 150 (±75)                   | 40 (±20)       | 50                                  | 100 | 30 | 5 |
| SV 50/200/... <sup>1</sup> | .1 / .3                 | 200            | 300            | 350 |   | 6              | 200 (±100)                  | 50 (±25)       | 50                                  | –   | –  | 5 |
| SV 50/250/... <sup>1</sup> | .3                      | 250            | 375            | 400 |   | 6              | 250 (±125)                  | 80 (±40)       | 50                                  | –   | –  | – |
| SV 50/300/... <sup>1</sup> | .3                      | 300            | 450            | 450 |   | 8              | 300 (±150)                  | 100 (±50)      | 50                                  | –   | –  | – |

<sup>1</sup> ... - profile height, selected from H values.

<sup>2</sup> The profile can be made to any specific expansion joint width from 50 mm. Request additional data.

<sup>3</sup> The standard width is indicated when using a profile for seismic joints with the specified limits of movement. It is possible to reduce the width with smaller movements.

<sup>4</sup> The cover can be made in a choice of different materials. See "Material and Profile designation"

<sup>5</sup> Speed limit: no more than 10 km/h.

<sup>6</sup> The profile can be made to the required mounting height, where "h" is the value in mm (from 50). In this case, the profile article has the designation SV-H. Ask for details.

## ▶ TECHNICAL DATA

### → FRAME

|                      |   |
|----------------------|---|
| <b>Material</b>      | Aluminum EN AW 6063 T6 (T66 <sup>7</sup> )                  |
| <b>Tolerances</b>    | EN 12020-2:2008   |
| <b>Strength, MPa</b> | σ <sub>s</sub> =205 (255 <sup>7</sup> )                     |
| <b>Length, m</b>     | 2,5; 3,0  |
| <b>Tooling</b>       | Mounting holes  |
| <b>Fasteners</b>     | Not Included<br>(Screws Rawlplug R-LX-6x50-HF or analogues) |

### → COVER

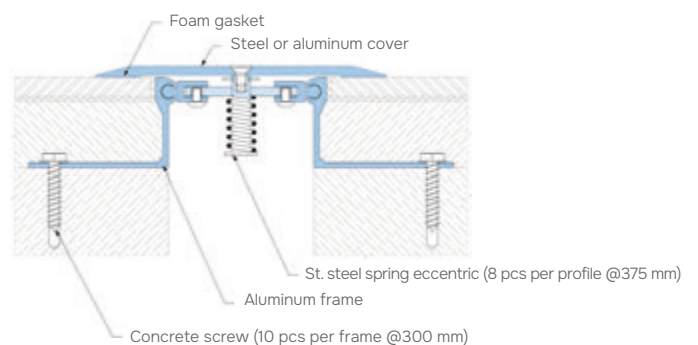
The profile is made to order from various materials to choose from:

|  |   |   |
|--|---|---|
| <b>Material</b>                        | Aluminum 6063 T6 (66 <sup>7</sup> )     | AISI 304 <sup>8</sup> (1.4301)          |
| <b>Profile designation<sup>4</sup></b> | .1                                      | .3XX<br>XX – steel surface <sup>9</sup> |
| <b>Strength, MPa</b>                   | σ <sub>s</sub> =205 (255 <sup>7</sup> ) | σ <sub>s</sub> =515                     |
| <b>Tolerances</b>                      | EN 12020-2:2008                         | EN 1090-2                               |
| <b>Length, m</b>                       | 3,0                                     | 3,0                                     |
| <b>Tooling</b>                         | Mounting holes                          | Mounting holes                          |
| <b>Surface coat</b>                    | Mill finish                             | <sup>9</sup> Grind/brushed              |

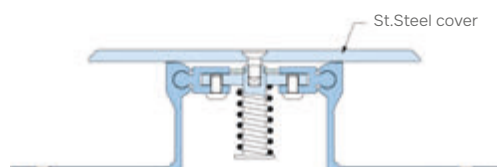
<sup>7</sup> For EU market.

<sup>8</sup> On request, the cover can be made of other types of stainless steel: AISI 316, 430 or others.

## ▶ EQUIPMENT PROFILE

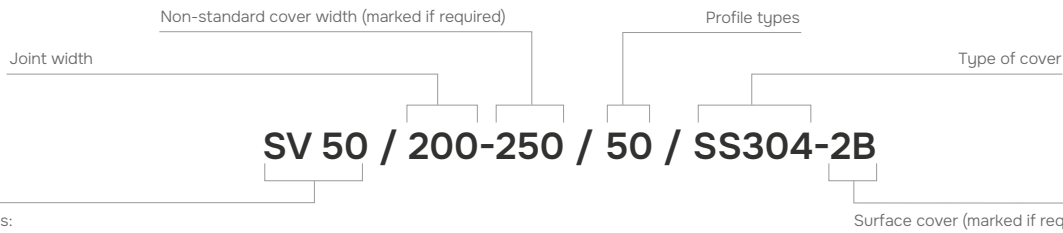


## ▶ ST. STEEL TYPE



## ▶ LABELING

(example)



Profile Series:

SV 50 – standard version

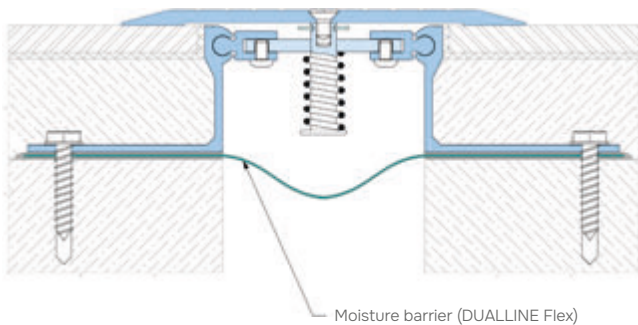
SV-E 50 (marked if required – see “Corner version”)

SV-H 50 – profile height on request (marked if required - see #3)

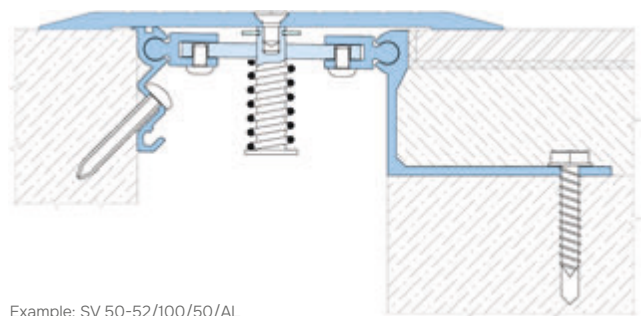
## ▶ EXECUTION OPTIONS



Using a moisture barrier for waterproofing an expansion joint.



Recess - top mounted profile version (SV 50-52).



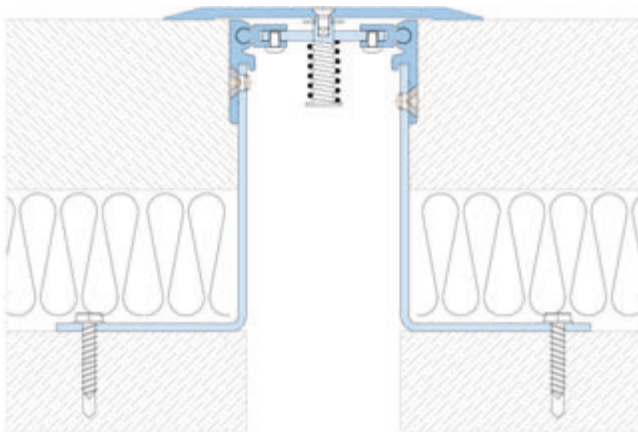
Example: SV 50-52/100/50/AL



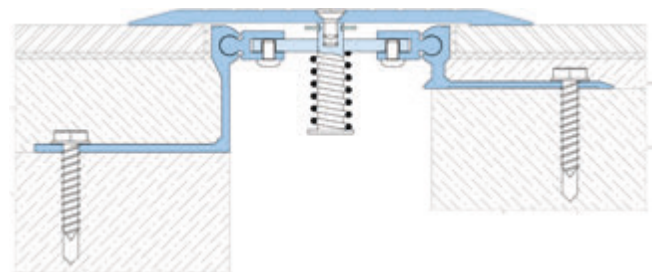
Use of a fire barrier with a fire resistance rating of up to EI 240.



The profile can be made to order for the required height from 50 to 200 mm. In this case, it is completed with an assembled frame consisting of an aluminum guide and a steel angle.

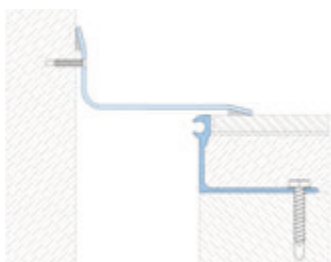


Different height version of the profile.



Example: SV 50/100/50-20/SS304-BA

## ▶ CORNER VERSION



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

Example: SV-E 50/100/50/SS304-2B