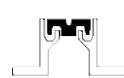
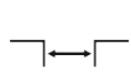




Loads up to 100 kN



Recess mounted



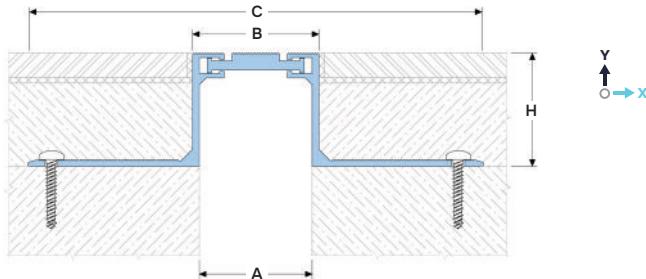
Joint width up to 50 mm



Movements in 3 planes



Indoor/outdoor



#### DESIGNATIONS:

A – nominal joint width;

B – visible width;

C – full width (min mounting);

H – installation height;

$M_x$  – horizontal movements;

$M_y$  – vertical movements.

Profile	Sizes, mm				Movements, mm		Permissible loads (kN)			
	A	B	C	...=H <sup>1</sup>	$M_x$	$M_y$				
SG 31/35/... <sup>1</sup>	35	195	195	15, 30, 50, 80, h <sup>2</sup>	14 (+7/-7)	4 (+2/-2)	50	100	50	10
SG 31/50/... <sup>1</sup>	50	210	210	15, 30, 50, 80, h <sup>2</sup>	14 (+7/-7)	4 (+2/-2)	50	100	50	10

<sup>1</sup>... – installation height to choose from standard (see H).

<sup>2</sup>Mounting height of the profile on request, where "h" is a value in mm (selectable in the range from 50 to 200 mm), designated by the SV-H index (see "execution options" #3).

<sup>3</sup>Not for permanent use for heights from 15 to 330 mm (approval required) - at high loads, cracking of the finish coating over the profile is possible.

## ► TECHNICAL DATA

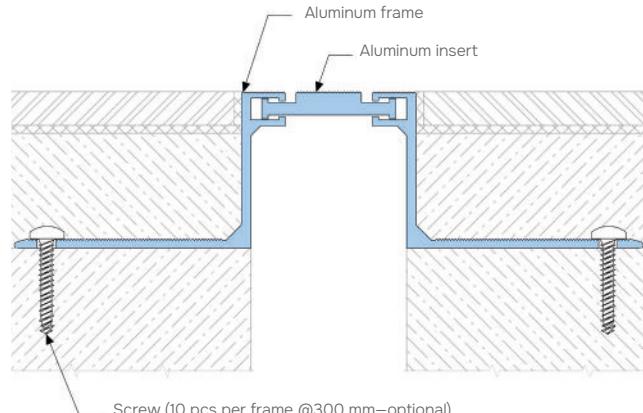
### ► FRAME AND INSERT

Material	Aluminum EN AW 6063 T6 (T66 <sup>4</sup> )
Strength, MPa	$\sigma_b = 205$ (255 <sup>4</sup> )
Tolerances	EN 12020-2:2008
Tooling	Mounting holes
Fasteners	Optional (Screws Rawlplug)
Surface coat	Mill finish <sup>5</sup>
Length, m	3,0

<sup>4</sup> For the EU market.

<sup>5</sup> The profile can be optionally anodized (ask for details).

## ► EQUIPMENT PROFILE



## ► CORNER VERSION

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

Example: SG-E 31/35/50

