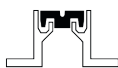
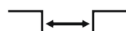




Max load
600 kN



Recess
mounted



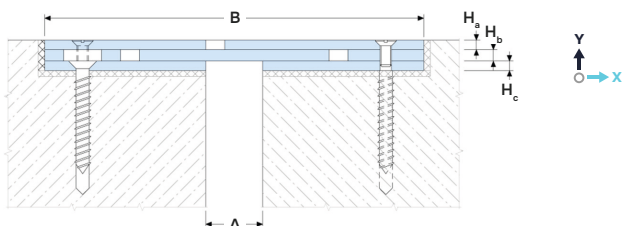
Joint width
20-150 mm



Movements
in 2 directions



Indoor/
outdoor



DESIGNATIONS:

A – nominal joint width;
B – visible width;
H_a – layer thickness “a”;
H_b – layer thickness “b”;

H_c – layer thickness “c”;
M_x – horizontal movements;
M_y – vertical movements.

Profile	Standard options ¹ (abc)	Sizes, mm		Layer thickness ² (mm)			Movements ³ , mm		Permissible loads (kN)		
		A	B	H _a	H _b	H _c	M _x	M _y ⁴			
SG 81/20-190/15	BBB, HBB, HHB, 3BB, 33B, 333, AAA, 3AA, 33A	20	190	5	5	5	30 (+15/-15)	—	600	300	150
SG 81/30-200/15		30	200	5	5	5	30 (+15/-15)	—	600	300	150
SG 81/50-220/15		50	220	5	5	5	30 (+15/-15)	—	600	300	150
SG 81/80-260/19	BBB, HBB, HHB, 3BB, 33B, 333	80	260	5	6	8	30 (+15/-15)	—	600	300	150
SG 81/100-280/21		100	280	5	8	8	30 (+15/-15)	—	600	300	150
SG 81/120-320/23		120	320	5	8	10	30 (+15/-15)	—	600	300	150
SG 81/150-350/25		150	350	5	10	10	30 (+15/-15)	—	600	300	150

¹ The profile is made to order from different materials of the components of the profile layers a, b and c (see technical data):

- B – Steel S235 with powder coating;
- H – Steel S235 with hot dip galvanized⁸;
- 3 – Stainless steel 1.4301 (AISI 304)⁹;
- A – Aluminium EN AW 6063 T66

² Standard layer thicknesses are indicated. On request, the layers can be made in other thicknesses.

³ Standard movements limits are given. On request, the profile is produced with other movements limits - ask for data.

⁴ Vertical movements are not allowed.

► TECHNICAL DATA

Material ⁹	S235 (1.0038)	AISI 304 (1.4301)
Strength, MPa	σ _B = 360-510	σ _B = 515
Tolerances	EN 1090-2	
Length, m	3,0 ⁵	
Tooling	Mounting holes	
Fasteners	Included (Screws Rawlplug R-LX)	
Surface coat	• Powder ⁷ • Galvanized ⁸	Without coating

⁵ Profile length can be changed upon request.

⁶ The profile is supplied assembled, using mounting brackets, to the required width of the expansion joint. Kit includes RAWL-PLUG R-LX high strength concrete screws and DIN 7991 A2 stainless steel mounting screws.

⁷ Powder coated in any RAL color.

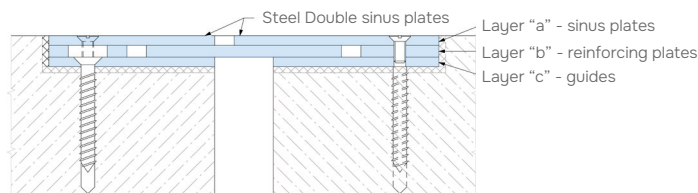
⁸ Hot dip galvanizing according to EN 1461.

⁹ The material of the layers can be changed to other types of steel: AISI 316, 321, 430, etc.

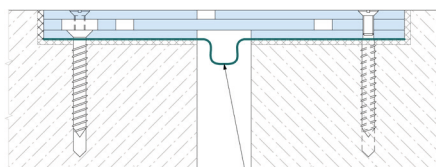
► EQUIPMENT PROFILE



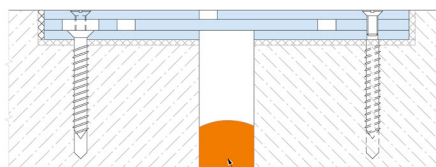
Steel Double sinus plates



► EXECUTION OPTIONS



Moisture barrier (Dewmark Flex)



Fire barrier (EI 240)