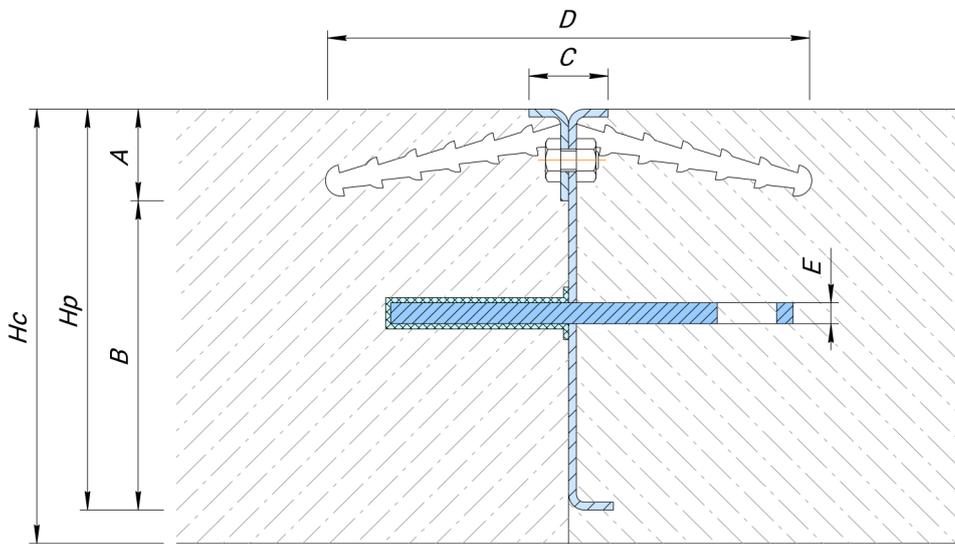
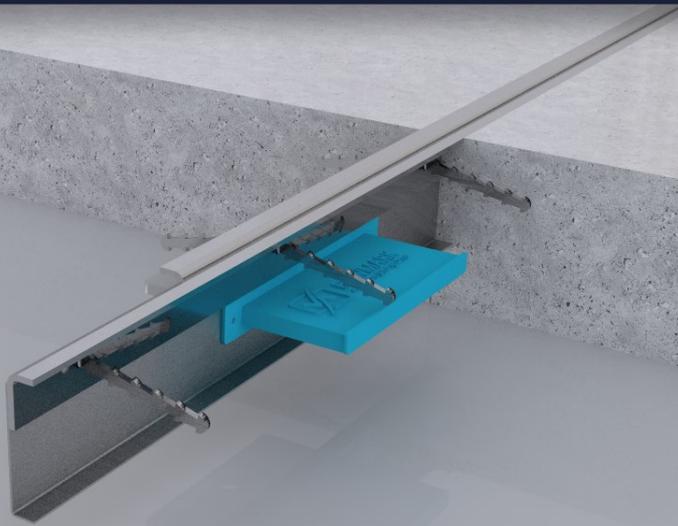




DEWMARK  
CONCRETE

SG 66



### Technical details

**MATERIAL**  
S235J2G3, ABS plastic

**LENGTH**  
3 meter

**COVERING**  
without protective coating

**TREATMENT**  
Comes assembled

**MOVEMENT**  
Opening of a joint on 25 mm

Profile	Hp (mm)	Hc (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Lu (mm)	Lp (mm)	L(mm)	Weight/ pcs <sup>2</sup>
SG 66/90	90	100-120	50	40	34	200	8	250	— <sup>1</sup>	3000	22
SG 66/110	110	125-140	50	60	34	200	8	250	— <sup>1</sup>	3000	24
SG 66/130	130	145-160	50	80	34	200	8	250	600	3000	26
SG 66/150	150	165-180	50	100	34	200	8	250	600	3000	28
SG 66/180	180	185-210	50	130	34	200	8	250	600	3000	31
SG 66/210	210	215-240	50	160	34	200	8	250	600	3000	33
SG 66/240	240	245-270	50	190	34	200	8	250	600	3000	36
SG 66/270	270	275-300	50	220	34	200	8	250	600	3000	39

<sup>1</sup> For heights of 90 and 110 mm, the support plates are not fixed. Completed on request.

<sup>2</sup> Profile weight is approximate.

<sup>3</sup> The use of plastic wheels is not recommended.

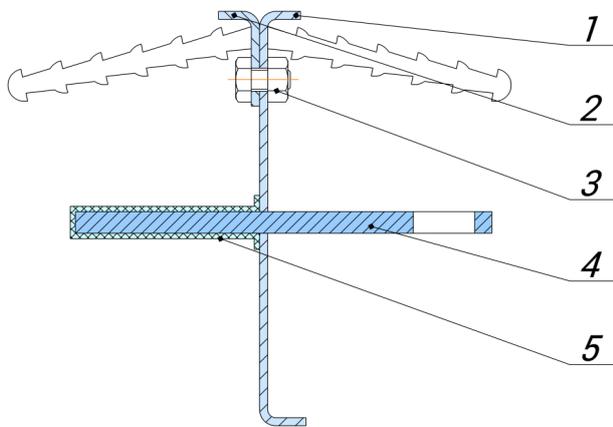
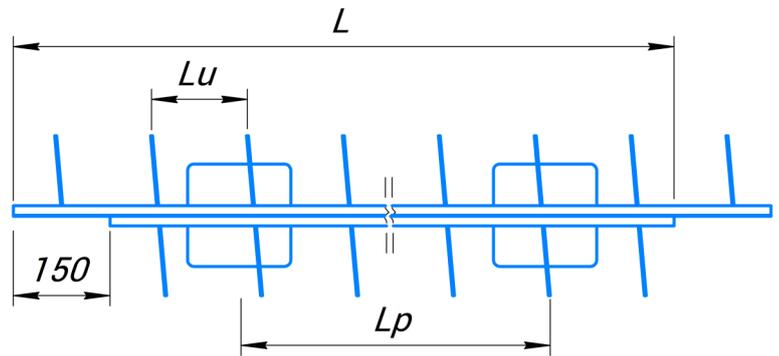
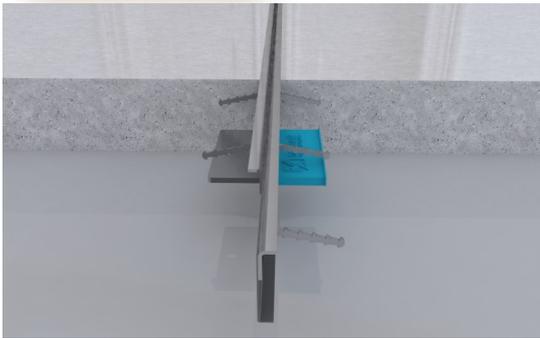
### On request

To order the profile can be made:

- Stainless steel AISI 304 (430);
- Hot galvanized profile.
- Thickness of guides 3 mm (reduction of bearing capacity - request data)

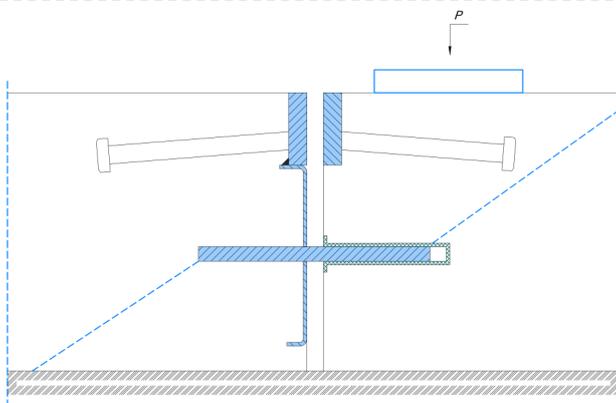
### Allowable load

Vehicle type	Allowable weight	Permissible axle load
Car	50 kN	25 kN
Truck	300 kN	70 kN
Pneumatic lift truck	100 kN	60 kN
Plastic Wheel Loader <sup>3</sup>	—	—



Описание	
1	Steel guide channel (4 mm thick)
2	Steel guide angle (4 mm thick)
3	Collapsing plastic fasteners
5	Plastic casing
6	Base plate

- The distribution of loads between adjacent plates is carried out with the help of embedded high-strength support plates which play the role of dowels, substantially exceeding the standard pin connections. Embedded dowels allow the plates to move relative to each other in a horizontal plane during the shrinking process and with temperature expansions, but limit the vertical movements of the plates.
- Reinforcing rods provide solid anchoring in the concrete slab, preventing rotation or displacement of the strips during the passage of machinery through the seam.
- The unique rivet system ensures that the two bands are at the same level during installation and pouring concrete, and ensures the opening of the seam during shrinkage.
- Increased strength ensures greater flatness and ease of installation.



Load distribution when moving a joint.

The 8-mm-thick 600P-8 base plates, paired with a plastic casing, reliably protect the concrete slabs from bursting in the event of a load.

The geometry of the plates is calculated in such a way that allows the expansion joint to be opened by 25 mm without reducing the strength of concrete slabs.

