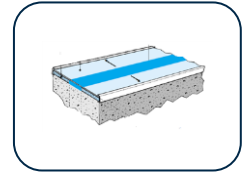


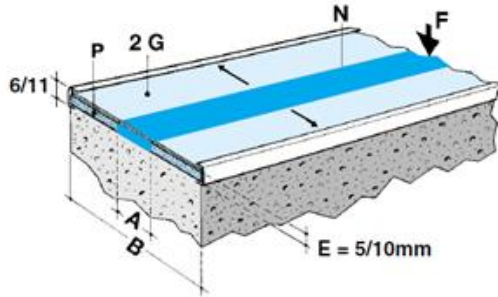
PLAKA - SLIDING AND DEFORMATION STRIP WITH CONTINUOUS CORE

Sliding and deformation strip for a horizontal movement in one direction

REF 07.07.01 - Version V01 - 17/08/2020



Description



The elastomer (**N**) is surrounded by two polystyrene strips (**P**). It is covered with two sliding sheets (**2G**) with a lubricant layer. Standard length of 1 m.

Application fields

- At the junction of floor slabs and concrete or steel corbels, for centering the loads on the elastomeric core (**N**).
- They offer the possibility of a rotation α without displacement of the load outside the core.
- Allow a horizontal movement $\frac{B-A}{2}$ in one direction with reduction of the coefficient of friction μ .

Properties and dimensions

Mechanical properties and dimensions							
Code (*)	Type	A (mm)	E (mm)	Length (m)	F (kN/m)	α (rad)	$\mu \leq$
BS2GPNP075xxx	P.N.P.2G.75	25	5	1	75	0,040	0,08
BS2GPNP100xxx	P.N.P.2G.100	33	5	1	100	0,030	0,08
BS2GPNP150xxx	P.N.P.2G.150	50	5	1	150	0,020	0,08
BS2GPNP225xxx	P.N.P.2G.225	75	5	1	225	0,013	0,08
BS2GPNP300xxx	P.N.P.2G.300	100	5	1	300	0,010	0,08
BS2GPNP07510xxx	P.N.P.2G.75/10	25	10	1	75	0,080	0,08
BS2GPNP10010xxx	P.N.P.2G.100/10	33	10	1	100	0,060	0,08
BS2GPNP15010xxx	P.N.P.2G.150/10	50	10	1	150	0,040	0,08
BS2GPNP22510xxx	P.N.P.2G.225/10	75	10	1	225	0,026	0,08
BS2GPNP30010xxx	P.N.P.2G.300/10	100	10	1	300	0,020	0,08

(*) xxx = width of the slide and deformation strip in mm.
 F : Permissible compression load (Service Limit State SLS)
 α : Rotation angle
 μ : coefficient of friction

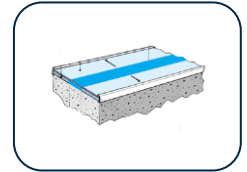
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**PLAKA - SLIDING AND DEFORMATION STRIP WITH
CONTINUOUS CORE**

**Sliding and deformation strip for a horizontal movement
in one direction**

REF 07.07.01 - Version V01 - 17/08/2020



Characteristics of the elastomer (N)	
Colour :	Black
Basis of polymer :	NR/SBR
Specific weight:	1,55 g/cm ³
Hardness Shore – A :	70°±-5°
Tensile strength :	> 3,0 MPa
Elongation at break :	> 200 %
Operating temperature :	from -20°C to + 70°C
Permissible load :	≤ 4 N/mm ²
Characteristics of the sliding sheets (2G)	
Material :	Hard PVC
Thickness:	300 µm, tolerance ± 5 %
Specific weight:	1,38 g/cm ³
Tensile strength :	> 470 N/mm ²
Temperature Vicat VDE 0302 :	79°C ± 2° C
Lubricant :	Siliconfett 300 (methylphenyl silicone oil))