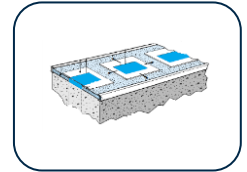
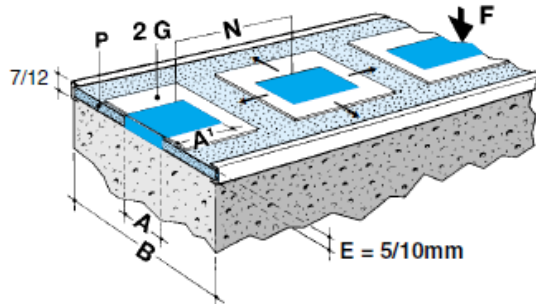


PLAKA – SLIDING AND DEFORMATION STRIP WITH BLOCKS
Sliding and deformation strip for horizontal and multidirectional displacements

REF 07.07.02 - Version V01 – 21/12/2020



Description



Series of elastomeric blocks (**N**) of adapted surface, each of them being covered by a vulcanized teflon layer. The blocks are embedded in a polyethylene (**P**) foam strip and are locally covered by a lubricated acetal layer (**2G**). Standard length of 1 m.

Application fields

At the junction of floor slabs and concrete or steel corbels, in order to center the loads on the elastomeric core (**N**).

Differ from the sliding and deformation strips with continuous central core (**PNP 2 G**) as they offer the possibility of multidirectional (± 10 mm) horizontal and angular displacements.

Properties and dimensions

Mechanical properties and dimensions								
Code (*)	Type	Nbr. x A/A ¹ (mm x mm)	E (mm)	Length (m)	F (kN/m)	α (rad)	μ \leq	
BS2GP3NP022xxx	P.3N.P.2G.22	3 x 50/50	5	1	22.5	0.020	0.05	
BS2GP2NP050xxx	P.2N.P.2G.50	2 x 75/75	5	1	50	0.013	0.05	
BS2GP2NP100xxx	P.2N.P.2G.100	2 x 100/100	5	1	100	0.010	0.05	
BS2GP2NP150xxx	P.2N.P.2G.150	2 x 100/150	5	1	150	0.010	0.05	
BS2GP2NP200xxx	P.2N.P.2G.200	2 x 100/200	5	1	200	0,010	0.05	
BS2GP2NP02510xxx	P.2N.P.2G.25/10	2 x 75/75	10	1	25.3	0.027	0.05	
BS2GP2NP06010xxx	P.2N.P.2G.60/10	2 x 100/100	10	1	60	0.020	0.05	
BS2GP2NP10810xxx	P.2N.P.2G.108/10	2 x 100/150	10	1	108	0.020	0.05	
BS2GP2NP16010xxx	P.2N.P.2G.160/10	2 x 100/200	10	1	160	0.020	0.05	
BS2GP2NP21610xxx	P.2N.P.2G.216/10	2 x 120/200	10	1	216	0.016	0.05	

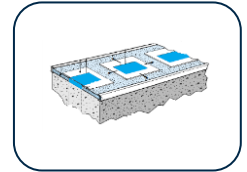
(*) xxx = width of the sliding and deformation strip in mm.
F : Permissible compression load (Service Limit State - SLS).
 α : Rotation angle
 μ : friction coefficient

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Characteristics of the elastomer (N)	
Color :	Black
Polymere base :	EPDM
Specific weight:	1,3 -1.35 ton/m ³
Hardness Shore – A :	65°±-5°
Tensile strength :	> 6 N/mm ²
Elongation at break :	> 300 %
Demping amortization :	> 20 %
Operating temperature :	from -25°C to + 75°C
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 layer:	Siliconfett 300 (methylphenyl silicone oil)

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