

TECHNICAL DATA SHEET

UNREINFORCED ELASTOMERIC BEARINGS – STRIPS

Elastomeric strips are designed to ensure controlled load distribution at the support, whilst allowing horizontal displacements and rotations to be transferred to the support without inducing additional stresses in it. They prevent the edges of reinforced concrete elements from spalling, whilst compensating for unevenness in the foundation and deviations from the horizontal plane.

Areas of application:

- Supports for precast and monolithic reinforced concrete structures;
- Supports for steel structures;
- Supports for other structures.



LINEAR SI

Linear SI elastomeric strips are manufactured from unreinforced elastomer with a hardness of 65 Sh A.

Linear SI		
Thickness t, mm	Width b, mm	Maximum permissible characteristic load, $F_{k,max}$ [kN/m']
10	20	60
	25	75
	30	90
	40	120
	50	150
15	20	60
	25	75
	30	90
	40	120
	50	150
20	20	60
	25	75
	30	90
	40	120
	50	150

Intermediate values can be determined by interpolation.

INSTALLATION

Unreinforced strips expand under load; therefore, we generally recommend leaving a gap of at least 25 mm (including chamfers) between the edge of the supporting structure and the elastomeric strip. Before installation, it is essential to ensure that the surface of the strip is free from dirt, grease, solvents, ice or oil.

SIZES, SHAPES AND DIMENSIONAL TOLERANCES

Standard strip thicknesses are 10, 15 and 20 mm; other thicknesses are available to special order.

Tolerances:

Hardness ± 5 Sh A, length ± 5 mm, width ± 3 mm, thickness ± 1 mm.