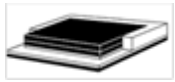
Installation instructions

PLAKA – SLIDING BEARING

Elastomeric sliding bearings

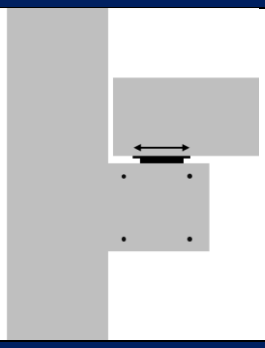
REF 07.04.01 - Version V01 - 26/03/2021



General information

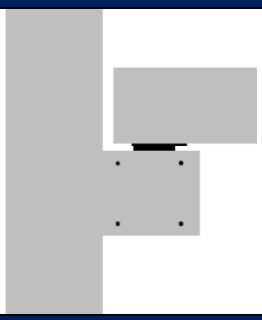
Please follow the installation instructions to get the designed values of the carrying capacities of the bearings.

Step 1 – Shape control



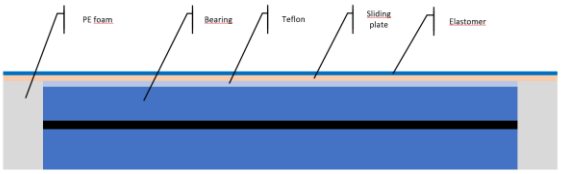
- Keep the sliding bearings in a dry and clean place until installation on the building site
- Make sure that the supporting surfaces are smooth, horizontal and that the 2 surfaces are parallel.
- Check that the supports are placed on concrete offering enough resistance and that the reinforcements are sufficient to take up the calculated forces.

Step 2 – Load transfer control



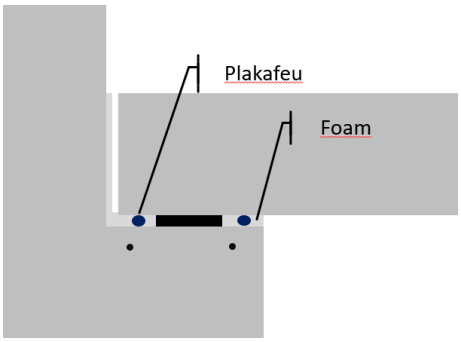
Make sure that the load transfer zone of the supports is positioned on the reinforced concrete and not on the concrete cover, even after maximum deformation.

Step 3 – Place the bearing



Place the sliding bearing with the elastomer bearing side on the support. The sliding plates are located upwards. Fixing bearings with glue is not allowed. Remove all grease or solvent around the bearing.

Step 4 – Avoid any hard contact



Cover the complete support around the bearing pad with polystyrene foam. Assure you that the polystyrene foam is a little thicker than the bearing. Fill the joint with Plakafeu Ropes to obtain fire resistance if needed.

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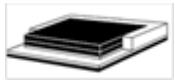
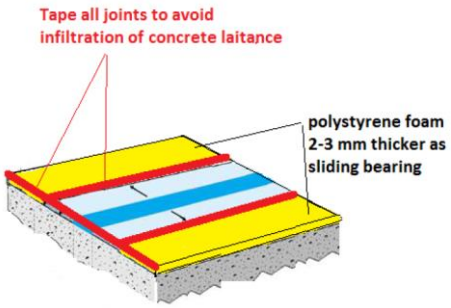


Step 5 – Tape the joints	
	Tape all joints to avoid infiltration of filth or concrete laitance.
Step 6 – Pour the contrete	
	Pour the concrete carefully in the area of the bearings and avoid contact with the vibrator while compacting the concrete.

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