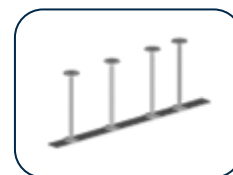


PLAKA - ARMATEC

Studrails for punching shear

REF 01.06.01 - Version V01 - 26/08/2020



Subject

The supply and installation of studrails for punching shear. The dowels installed on the flat bar prevent the punching of the floor slabs, by carrying the punching loads appearing at the connection between the column and the slab.

Description

The studrails consist of a series of dowels ensuring the reinforcement of the most overloaded area in the floor slab. The studs are welded to a strip and are made of ribbed bars with two forged heads .

The studs bars are positioned radially around the column in the floor slab.

The number of required dowels, the diameter, height and length of the stud are provided by Leviat or by the external engineers responsible for the project.

The calculation must be approved by the project engineer in case Leviat is responsible for the design of the Armatec studrails

Application

In case of non-symmetrical studrails, they need to be installed with the special angle cut end placed close to the column.

The bar is nailed onto the formwork. It is kept away at the right distance from the formwork with appropriate spacers.

Mark

ARMATEC from PLAKA or equivalent

Measurement

Studrail per unit