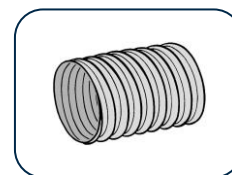


PLAKA - ANKROBOX

Rigid round corrugated sleeves

REF 04.10.01 - Version V01 - 12/08/2020



Description



The ANKROBOX rigid sleeves are made from a corrugated steel sheet with deep grooves, wrapped in regular spirals. The corrugated profile is designed to provide an anchorage between the concrete structure and the non-shrink grout which will be poured afterwards inside the ANKROBOX.

Application fields

The ANKROBOX corrugated sleeves serve for making recesses in the reinforced concrete, in order to allow the anchoring of diverse elements afterwards.

Properties

Mechanical properties	
Steel quality	Cold formed steel sheet acc. to standards DIN 1624/1544 ST3 or ST4-F13
Temperature resistance	-30°C to +650 °C
Fire class	M0
Maximal pressure	3000 Pa
Standard length	5 m
Width waves	5 mm
Height waves	3 mm

Dimensions

Standard length : 5 m, adjustable on site or in the production unit by mean of a saw.

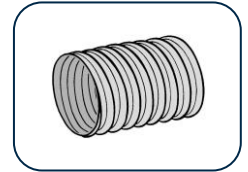
Material dimensions			
Reference Code	Internal diameter	External diameter	Weight
VA040500	40 mm	46 mm	0.29 kg/m
VA050500	50 mm	56 mm	0.38 kg/m
VA065500	66 mm	72 mm	0.62 kg/m
VA080500	80 mm	86 mm	0.76 kg/m
VA090500	95 mm	101 mm	0.88 kg/m
VA125500	125 mm	131 mm	1.11 kg/m
VA150500	150 mm	156 mm	1.28 kg/m
VA200500	200 mm	206 mm	1.32 kg/m

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**Installation instructions**

- Position and secure the anchoring box ANKROBOX to the reinforcement bars of the concrete structure
- If necessary, install braces inside the anchoring box to reinforce the ANKROBOX against the concrete pressure
- Pour the concrete around the box and vibrate.
- After hardening of the concrete, remove the eventual braces
- Position the element to anchor inside the ANKROBOX
- Carefully fill the box with SEALMIX non-shrink grout.

Storage

Storage has no specific requirement, but if the storage is supposed to be long, protection from weather is advised.