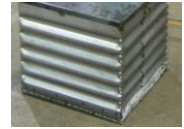


**PLAKA - ANKROBOX****Rectangular anchoring box**

REF 04.10.03 - Version V02 - 16/11/2020

**Description**

The anchoring box ANKROBOX consists of a folded blank steel plate with deep grooves.

The corrugated profile is designed to ensure an optimal anchoring between the concrete and the casting mortar.

**Application fields**

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

**Installation instructions**

- Position and attach the ANKROBOX anchoring box to the reinforcement layers.
- If provided, install the anchoring key.
- If necessary, install the reinforcement cage in the anchoring box.
- Cast the concrete around the box and vibrate the concrete. After the concrete is set:
  - Remove any reinforcements
  - Position the element that needs to be anchored
  - Fill the anchoring box with MAPEFILL shrink-resistant mortar.

**Properties**

ANCHORING BOX : folded blank steel plate S 235 JR

Thickness of the steel sheet : 0.4 mm

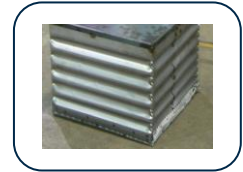
Corrugation depth :  $\pm 12$  mmDistance between the corrugations :  $\pm 70$  mm

The box edges are folded in order to prevent injuries during the installation.

**PLAKA - ANKROBOX**

Rectangular anchoring box

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**Dimensions**

Drawing	Material dimensions			
	Reference code	Height (cm)	A (cm)	B (cm)
	PLA033	≤33	Any dimension possible from 10cm to 100cm	Any dimension possible from 10cm to 100cm
	PLA050	≤50		
	PLA069	≤69		
	PLA075	≤75		
	PLASP	Anchor boxes with special dimensions – on request		

On request, larger dimensions can be realized, by assembling steel sheets by welding points.

To establish its feasibility, please contact us.

A & B are inside dimension. Outside dimensions are 3 cm bigger.

Accessories		
<b>BASE</b>	Stretched small- meshed metal or steel plate welded to the anchoring box. The steel mesh base limits the vertical pressure when concreting and allows air bubbles to escape from below the anchoring box. The penetration of laitance through the mesh ensures a better anchoring with the casting mortar.	
<b>HOPPER</b>	The casting of shrink-resistant mortar is being facilitated through the use of one or more hoppers. The hopper is partially finished with stretched metal.	
<b>RECESSES</b>	If an anchoring key is provided, the necessary holes will be punched in the anchoring box. D25, D30, D36, D38, D42, D48, D52mm	
<b>ANCHORING KEY</b>	The anchoring keys are made of smooth steel St 37-2. D20, D25, D30, D35, D40, D45, D50, D60, D70, D80 mm	
<b>SEALMIX</b>	Shrink-resistant mortar in bags of 25 kg	