

PLAKA – ANKROBOX type N

Rectangular anchoring box

REF 04.10.03 - Version V03 - 08/08/2023



Description



The anchoring box ANKROBOX consists of a folded blank steel plate with deep grooves. The junction between sheets is made by welding points.

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

Application fields

The ANKROBOX anchoring boxes make it possible to create recesses in reinforced concrete, with the aim of making anchorages of various elements afterwards.

Installation instructions

- Position and attach the ANKROBOX anchoring box to the reinforcement layers.
- If an anchoring key is provided, install it in the holes provided.
- Install the reinforcement cage in the anchoring box.
- Pour the concrete around the box and vibrate the concrete well. After the concrete is set:
 - Remove any reinforcing parts or spacers.
 - Position the elements to be anchored in the box.
 - Carefully fill the ANKROBOX with SEALMIX shrink-resistant mortar.

Properties

ANCHORING BOX: folded blank steel plate S 235 JR

Thickness of the steel sheet: 0.4 mm

Corrugation depth: ± 12 mm

Distance between the corrugations: ± 70 mm

The edges of the box are folded up to prevent injuries during implementation on site.

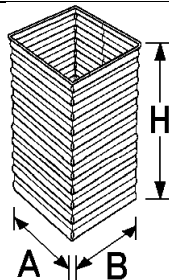
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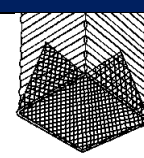
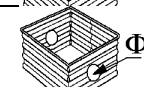
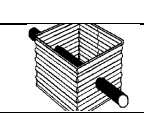
Dimensions

		Material dimensions		
Drawing	Reference code	Height (cm)	A (cm)	B (cm)
	PLA033	≤33	Any dimension available from 14cm to 150cm	Any dimension available from 14cm to 150cm
	PLA050	≤50		
	PLA069	≤69		
	PLA075	≤75		
	PLASP	Anchor boxes with specific dimensions – on request		

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

To establish its feasibility, please contact us.

A & B are interior dimensions. exterior dimensions are 3 cm bigger.

Accessories		
BASE	Expanded small- meshed metal or steel plate welded to the anchoring box. The expanded metal base reduces the vertical pressure during 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 sealing mortar.	
HOPPER	Pouring the sealing mortar without shrinkage is facilitated by the use of one or more hoppers. The hopper is partially finished with expanded metal.	
RECESSES	If an anchoring key is provided, the holes will be punched in the workshop through the box. Possible diameters are: D25, D30, D36, D38, D42, D48, D52mm	
ANCHORING KEY	The anchoring keys are made of S235 JR quality mild steel. D20, D25, D30, D35, D40, D45, D50, D60, D70, D80 mm	
SEALMIX	Shrink-resistant mortar in bags of 25 kg	