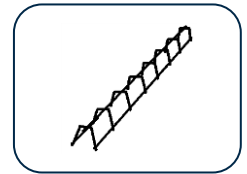


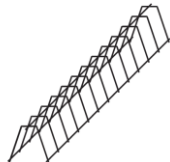
**PLAKA – HYCHAIR TYPE A**  
**Continuous HYCHAIR**

REF 03.01.01 - Version V02 – 18/12/2020



*Prescription of the producer*

**Description**



The hychair type A is a linear spacer to be installed between two reinforcement layers, to guarantee a defined distance between them. The hychair type A can also be used to carry a unique reinforcement layer, with or without support.

**Application fields**

- Between two reinforcement layers into reinforced concrete floor slabs and walls
- Underneath a unique reinforcement layer in a concrete floor slab

**Installation instructions**

*Use in a floor slab*

- Place the bottom reinforcement layer above the adapted spacers
- Place the hychairs type A above the bottom reinforcement layer and bind them together
- Place the upper reinforcement layer above the hychairs type A and bind them together

*Use in a wall*

- Install the hychairs between the two vertical reinforcement layer
- The reinforcement layers will remain at the right distance of the formwork by means of adapted spacers

**Consumption**

If the right number of hychairs [m<sup>2</sup>/floor slab] has not been predetermined, the document “DBV – MerkblattUnterstützungen, Tabel 4d” can be used in order to define the center distance of the hychairs in function of the diameters of the reinforcement layers of the slab:

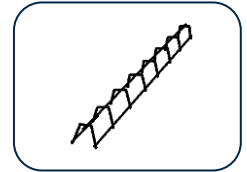
Consumption			
Diameter $d_s$ of the reinforcement bars of the slab	Center distance of the hychairs	Number of meter of hychairs per m <sup>2</sup> [m / m <sup>2</sup> floor slab]	Picture
$d_s \leq 6,5$ mm	$s = 50$ cm	2	
$6,5$ mm < $d_s \leq 12,0$ mm	$s = 70$ cm	± 1,5	
$d_s > 12,0$ mm	$s = 70$ cm (*)	± 1,5	

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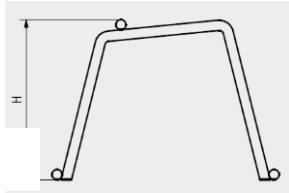
**PLAKA – HYCHAIR TYPE A**  
**Continuous HYCHAIR**

REF 03.01.01 - Version V02 – 18/12/2020

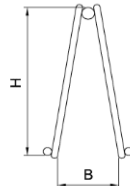


**Dimensions**

**Type N**



**Type A & AHD**



Dimensions of the materials						
	Code	Type	H (cm)	m/Pal	m/Box	Kg/m
	INA05	N	5	2400	50	0,27
	INA06	N	6	2400	50	0,28
	INA07	N	7	2400	50	0,29
	INA08	N	8	2400	50	0,30
	INA09	N	9	2400	50	0,31
	INA10	N	10	2400	50	0,32
	INA11	N	11	2400	50	0,33
	INA12	N	12	2400	50	0,34
	INA13	N	13	2400	50	0,36
	INA14	N	14	2400	50	0,37
	INA15	N	15	2400	50	0,38
	INA16	A	16	500	50	0,46
	INA18	A	18	500	50	0,48
	INA20	A	20	500	50	0,50
	INA22	A HD	22	200	20	0,77
	INA24	A HD	24	200	20	0,81
	INA26	A HD	26	200	20	1.23

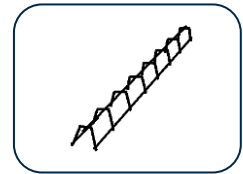
Height up to 40 cm available on request

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**PLAKA – HYCHAIR TYPE A**  
**Continuous HYCHAIR**

REF 03.01.01 - Version V02 – 18/12/2020



**Accessories**

*Fibre concrete adapted to the hychairs type A*

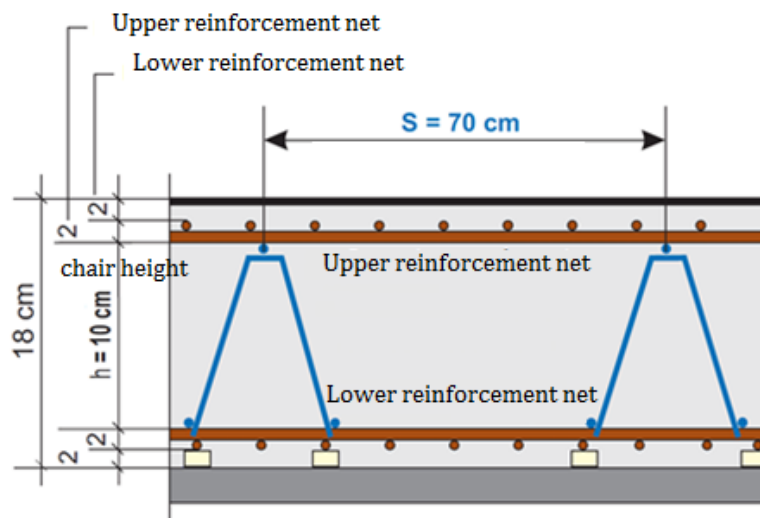
The fibre concrete supports are installed underneath the hychairs, according a rate of 4 tiles per hychair of 2 m.

The height of a fibre concrete support is 10mm.

Dimensions of the materials				
	Code	H (mm)	p/Box	Kg/1
	FRDAL10+Q	10	100	0,35

**Defining the height of the hychairs type A**

*Example : the height of a hychair in function of the dimensions of the floor slab*



Thickness floor slab	+ 18 cm
Upper concrete cover	- 2 cm
Lower concrete cover	- 2 cm
Upper reinforcement layer	- 2 cm
Lower Reinforcement layer	- 2 cm
	<hr/>
	h = 10 cm