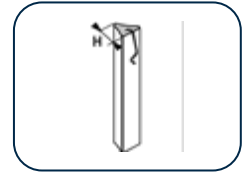


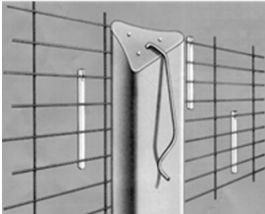
## FIBRE REINFORCED CONCRETE SPACERS

### Triangular fibre reinforced concrete bar with hook

03.03.04 – revised on: 05/01/2017



## Description



The fibre reinforced concrete bars are reinforcement spacers for reinforced concrete walls.

## Application

Reinforcement spacers to achieve the requested concrete cover in reinforced concrete walls.

## Instructions for use

- Fix the spacer to the reinforcement bars (consumption:  $\pm 1$  pc./m<sup>2</sup>).
- Bring the formwork against the spacers.

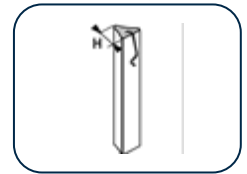
## Properties

Mechanical properties	
Characteristics	Good adhesion to concrete
Resistance class	CEMIII
Coefficient of expansion	Equivalent to concrete
Compression strength	High resistance
Watertightness	Like concrete
Freeze resistance	Resistant to freeze/thaw cycles
Performance class	L2
Load – behavior	>3000N (depending on type)
Compression	Approx. 50N/mm <sup>2</sup> (depending on type)
Minimal deflection	<2 mm
Minimum tolerances	$\pm 1$ (wedge _ 40mm)
Freeze test	F Classification according to DBV "F"
Thermal cycle	T Classification according to DBV "T"
Water infiltration capacity	A Classification according to DBV "A"
Class of construction materials	A1 - non-flammable
Fire class	F30-F180
Exposure class (EN 206-1)	X0, XC1/2/3/4, XD1/2/3, XS1/2/3, XF1/2/3/4, XA1/2/3
Compatibility with drinking water	W347 and W270- test certificate

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**Dimensions**

Dimensions						
Code	Drawing	Article	Dimensions		p/Box	Weight [kg/1]
			H (mm)	L (cm)		
FRTR25.22C		Triangular fibre reinforced concrete bar with hook.	25	18	125	0.15
FRTR30.22C			30	18	125	0.14
FRTR35.22C			35	18	100	0.21
FRTR40.22C			40	18	100	0.27
FRTR50.22C			50	18	50	0.38
FRTR20.33C		These spacers are available on request with hooks at both ends Consumption : $\pm 1/p \text{ m}^2$	20	33	100	0.19
FRTR25.33C			25	33	75	0.32
FRTR30.33C			30	33	75	0.35
FRTR35.33C			35	33	60	0.42
FRTR40.33C			40	33	50	0.53
FRTR50.33C			50	33	32	0.76