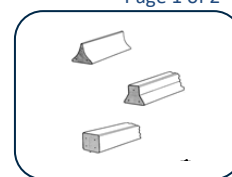


FIBRE-CONCRETE SPACER BAR

Triangular, trapezoidal, squared & rectangular bars in fibre-concrete

REF 03.03.03 – Version V2: 30/09/2022



Prescription of the producer

Description

The bar in fibre-reinforced concrete is a spacer that is installed below the lower reinforcement layer in a concrete floor slab.

Application fields

To guarantee a defined concrete cover of the lower reinforcement layers in a concrete floor slab.

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 ² (depending on type)
Minimal deflection	<2 mm
Minimum tolerances	±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

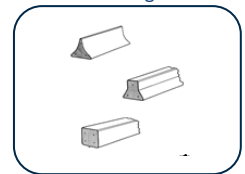
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Dimensions

Triangular or trapezoidal (S) bar in fibre-reinforced concrete						
	Code	Height H [mm]	Length [m]	Number of bars [m/box]	Weight [kg/m]	
		FRTR20	20	1	1500	0,68
	FRTR25	25	1	1000	0,86	
	EXTR30	30	1	1000	1,01	
	FRTR35	35	1	750	1,12	
	EXTR40	40	1	600	1,53	
	EXTR50	50	1	600	2,18	
	FRTR60S	60	1	250	3.12	

Squared bar in fibre-reinforced concrete						
	Code	Height H [mm]	Width B [mm]	Length [m]	Number of bars [m/box]	Weight [kg/m]
		FRRC2020	20	20	1	1500
	FRRC3030	30	30	1	500	2,14
	FRRC4040	40	40	1	250	3,70
	FRRC5050	50	50	1	200	6,00
	FRRC6060	60	60	1	125	7,13

Rectangular bar in fibre-reinforced concrete						
	Code	Height H [mm]	Width B [mm]	Length [m]	Number of bars [m/box]	Weight [kg/m]
		FRRC3040	30	40	1	400
	FRRC4050	40	50	1	300	4,00
	FRRC5060	50	60	1	200	6,00

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