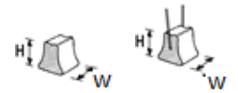


FIBER CONCRETE SPACERS

Punctual spacer for vertical and horizontal rebars

REF 03.03.01 – Version V2 : 23/10/2019



Description

The fiber concrete cubes with or without wire, are punctual spacers for reinforcement bars.

Application fields

Floor slabs, foundation slabs or walls in reinforced concrete to hold the rebars at a guaranteed distance from the surface of the concrete.

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

Monovalent spacers ensure a concrete covering in one direction, while the bi-and trivalent spacers ensure a concrete covering in two – or three directions according to their position.

Dimensions

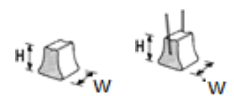
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Dimensions						
With wire, in grey colour						
Reference	Picture	H (mm)	W (mm)	Pc/Box	Kg/100	Mono/Bi/Tri-valent
FRC20F		20	20	1000	2,50	Monovalent
FRC25F		25	20	1000	3,10	Monovalent
FRC30F		30	22	500	3,70	Monovalent
FRC35F		35	22	500	6,30	Monovalent
FRC40F		40	25	500	7,80	Monovalent
FRC50F		50	28	250	9,60	Monovalent
FRC2530F		25/30	24	500	4,30	Bivalent
FRC3540F		35/40	24	250	6,50	Bivalent
FRC5060F		50/60	24	200	11,50	Bivalent
FRC202530F		20/25/30	24	500	3,30	Trivalent
FRC354050F		35/40/50	24	250	11,00	Trivalent
FRC455560F		45/55/60	24	125	20,00	Trivalent

Consumption in function of the rebar 2 to 6 units/m² for vertical bars
 4 to 8 units/m² horizontal bars