BUILDING COMMON GROUND

MAX FRANK®

Technical data sheet

Block spacers made of fibre-reinforced concrete with and without tying wire

Fibre concrete spacers with and without tying wire:
Spacers are used to ensure that the specified concrete cover for structures and structural elements made of reinforced concrete is adhered to, both before and during concreting.
The use of black or galvanized tying wire ensures a secure fixing in any installation position and prevents the spacer from moving and tilting during formwork erection and concreting.

Technical characteristics

Characteristics	Value	Unit
Concrete cover	15 – 100	mm
Cut width	20, 24, 28	mm
Loading capacity	2,000 – 10,000	N
Performance Class	P2	
Compressive strength	50	N/mm²
Density	2.0 – 2.1	kg/dm³
Building material class	A1	
Fire grading class	F30 – F180	
Marking acc. to DBV	DBV-c-L2/F/T/A	
Group of types acc. to DBV	B1/B2 – point form, not fixed/fixed	
Permitted deformations	<1	mm
Permitted tolerances	±1	mm
Water absorption	<3	% after 30 min
Exposure class[4)]	X0/XC/XD/XS/XF/XA	
Construction materials class	A1 – not flammable	
Requirement CS[3)]	F / T / A	
I.S.A.T (after 10 sec.)	<0.5	ml/m²/sec
Chloride diffusion	<0.5	m²/sec x 10^{-12}
Rapid chloride permeability (RCP)	n/a	Coulomb
Adhesion to concrete	0.4	N/mm²

Test certificates

Test certificates can be downloaded on our website www.maxfrank.de

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