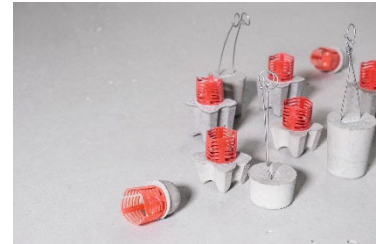


## Technical Data Sheet

### Properties of cast concrete mixtures

#### Cast concrete

is used for the production of spacers as well as sealing cones for tie-bolt holes. The concrete used is a typical mix used for smaller precast items. Polypropylene fibres can be added to the mix to improve certain concrete properties.



#### Technical properties

Characteristics	Standard Mix	Premium Mix	SR-Mix	Notes
Compressive strength	> 50	> 60	> 50	N/mm <sup>2</sup>
Water absorption	< 8.0	< 5.0	< 8.0	% after 30 Min.
w/c factor	< 0,5	< 0,45	< 0,45	
Density	2,0 – 2,1	2,0 – 2,1	2,0 – 2,1	kg/dm <sup>3</sup>
Fire resistance class [EN 13501]	EI30 – EI180	EI30 – EI180	EI30 – EI180	
ASR (Alcali Silica reaction)	No reactivity			
Exposure class fulfilled	XC1 – XC4			
	XD1 – XD3			
	XS1 – XS3			
	XF1 – XF4 <sup>1</sup>			
	XA1			
	-	-	XA2 – XA3	CEM I 42,5 SR0 cement used <sup>2</sup>
Breaking load including cover 25 mm	L1	L1	L1	
Breaking load starting with cover 30 mm	L2	L2	L2	
Additional notes		Silica fume ≥ 5,0% of the binder quantity		

#### Disclaimer / Notes:

The usability of the products in the specific installation situation must be checked by the user. This data sheet is constantly updated. Technical changes are therefore expressly reserved without prior information of the customer. The currently valid version can be found on our website at: [www.maxfrank.com](http://www.maxfrank.com). Our General Terms and Conditions of Sale apply in addition.

<sup>1</sup> Proof for exposure class XF4 via CDF-Test

<sup>2</sup> SR = Sulphate resistance; all requirements according to DIN 4030 fulfilled

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