

Patronatstr. 9-13  
71282 Hemmingen

**Test certificate compressive and tensile strength**

**EN 196-1**

Order Number: E\_4

Screed Company:  
 Technical adviser:  
 Construction project:  
 aggregate Supplier :  
 Cement: CEM I 32,5 R  
 Cement Type: Heidelberger  
 Cement quantity (kg): 62,5  
 Water quantity (l): 20  
 Additive: Xtreme  
 Additive (ml): 400  
 Strength of screed req:  
 Date of Prism Sample: 28.11.2017  
 Age of the sample: 21d

Term	Height	Wide	Length	Tensile Strength		Compressive Strength			
	(mm)	(mm)	(mm)	(kN)	(N/mm <sup>2</sup> )	(kN)	(kN)	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )
1	40	40	160	3,5	8,2	82,0	77,1	51,3	48,2
2	40	40	160	4,1	9,6	73,6	79,6	46,0	49,8
3	40	40	160	3,9	9,1	78,1	76,1	48,8	47,6
average value				9,0		48,6			
standard deviation				0,7		1,8			
effective span 100,00 mm	nature of load: axial pressure			potentiometric surface: 1600 mm <sup>2</sup>					

place of testing exercised: Hemmingen, 20.12.2017

authorised Person:

3816001	3816002
D-K- 17246-01-02	D-K- 17246-01-02
2016-12	2016-12