

Patronatstr. 9-13  
71282 Hemmingen

**Test certificate compressive and tensile strength**

**EN 196-1**

Order Number: 271724848\_1

Screed Company: William Lea Ltd  
 Technical adviser: Johnny Morgan  
 Construction project: Westgate Shopping Centre, Oxford  
 aggregate Supplier : Smith's of Bletchington (Oxford)  
 Cement: CEM II/A-L 42,5 N  
 Cement Type:  
 Cement quantity (kg): 62,5  
 Water quantity (l): 6-8  
 Additive: Xtreme  
 Additive (ml): 400  
 Strength of screed req:  
 Date of Prism Sample: 06.06.2017  
 Age of the sample: 28d

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	66,4	83,0	41,5	51,9
2	40	40	160	3,5	8,2	68,7	65,4	42,9	40,9
3	40	40	160	3,1	7,3	79,8	75,4	49,9	47,1
average value				7,9		45,7			
standard deviation				0,5		4,6			
effective span 100,00 mm	nature of load: axial pressure		potentiometric surface: 1600 mm <sup>2</sup>						

place of testing exercised: Hemmingen, 04.07.2017

authorised Person:

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