

Patronatstr. 9-13  
71282 Hemmingen

**Test certificate compressive and tensile strength**

**EN 196-1**

Order Number: 101928257\_1

Screed Company: Shaun Calderbank/William Lea Ltd  
 Technical adviser: Michael Lea  
 Construction project: 9 Lucy Street, Stretford, Manchester  
 aggregate Supplier : Tekfloor 70/30  
 Cement: CEM II/A-L 42,5 N  
 Cement Type: Quinns  
 Cement quantity (kg): 62,5  
 Water quantity (l): 12/14  
 Additive: Xtreme  
 Additive (ml): 400  
 Strength of screed req: Not Specified  
 Date of Prism Sample: 25.09.2018  
 Age of the sample: 28d

Notes: Screed mixed in a forced action Screed pump of 250 l gross capacity.

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	4,1	9,6	92,2	94,4	57,6	59,0	
2	40	40	160	3,9	9,1	83,3	82,1	52,1	51,3	
3	40	40	160	3,3	7,7	77,9	75,8	48,7	47,4	
average value					8,8					52,7
standard deviation					0,1					2,0
effective span	nature of load:		potentiometric surface:							
100,00 mm	axial pressure		1600 mm <sup>2</sup>							

place of testing exercised: Hemmingen, 07.03.2019

authorised Person:

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