

Patronatstr. 9-13
71282 Hemmingen

Test certificate compressive and tensile strength

EN 196-1

Order Number: 291826825_1

Screed Company: William Lea Ltd
 Technical adviser: Michael Lea
 Construction project: Central Bus Station, Wigan
 aggregate Supplier : Finch Aggregates, Fine: Coarse 75/25
 Cement: CEM II/A-L 42,5 N
 Cement Type: Quinns
 Cement quantity (kg): 62,5
 Water quantity (l): 12/15
 Additive: Xtreme
 Additive (ml): 400
 Strength of screed req: Not Specified
 Date of Prism Sample: 10.04.2018
 Age of the sample: 98d
 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 ²)	(kN)	(kN)	(N/mm ²)	(N/mm ²)	
1	40	40	160	3,2	7,5	72,6	79,4	45,4	49,6	
2	40	40	160	3,4	8,0	76,4	84,2	47,8	52,6	
3	40	40	160	3,3	7,7	87,7	80,0	54,8	50,0	
average value					7,7					50,0
standard deviation					0,2					3,4
effective span 100,00 mm	nature of load: axial pressure		potentiometric surface: 1600 mm ²							

place of testing exercised: Hemmingen, 17.07.2018

authorised Person:

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