

Patronatstr. 9-13
71282 Hemmingen

Test certificate compressive and tensile strength

EN 196-1

Order Number: 15201613_2

Screed Company: William Lea Ltd
 Technical adviser: Michael Lea
 Construction project: Jaguar Land Rover, Solihull Site
 aggregate Supplier : Tudor Griffiths 78% fines/22% coarse
 Cement: CEM II/A-L 42,5 N
 Cement Type: Quinns
 Cement quantity (kg): 62,5
 Water quantity (l): 12 to 14
 Additive: Xtreme
 Additive (ml): 400
 Strength of screed req: Not Specified
 Date of Prism Sample: 05.03.2020
 Age of the sample: 32d
 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	60,0	78,8	37,5	49,3	
2	40	40	160	2,4	5,6	62,7	75,9	39,2	47,4	
3	40	40	160	2,7	6,3	62,1	57,3	38,8	35,8	
average value					6,5					41,3
standard deviation					0,9					5,6
effective span 100,00 mm	nature of load: axial pressure			potentiometric surface: 1600 mm ²						

place of testing exercised: Hemmingen, 06.04.2020

authorised Person:

