

Patronatstr. 9-13
71282 Hemmingen

Test certificate compressive and tensile strength

EN 196-1

Order Number: 13203508_1

Screed Company: B&K Systems
 Technical adviser: Michael Lea
 Construction project: Oxford University Biochemistry Project
 aggregate Supplier : Hanson Aggregates 60/40 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: 26.02.2020
 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 ²)	(kN)	(kN)	(N/mm ²)	(N/mm ²)	
1	40	40	160	3,2	7,5	82,6	88,4	51,6	55,3	
2	40	40	160	3,3	7,7	70,3	80,0	43,9	50,0	
3	40	40	160	3,2	7,5	80,1	70,0	50,1	43,8	
average value					7,6					49,1
standard deviation					0,1					4,5
effective span 100,00 mm	nature of load: axial pressure		potentiometric surface: 1600 mm ²							

place of testing exercised: Hemmingen, 25.03.2020

authorised Person:

