

Patronatstr. 9-13
71282 Hemmingen

Test certificate compressive and tensile strength

EN 196-1

Order Number: 13203507_1

Screed Company: B&K Systems
 Technical adviser: Michael Lea
 Construction project: Oxford University Biochemistry Project
 aggregate Supplier : Hanson Aggregates 70/30 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	2,6	6,1	68,4	74,3	42,8	46,4
2	40	40	160	3,3	7,7	73,2	80,6	45,8	50,4
3	40	40	160	3,1	7,3	66,9	71,4	41,8	44,6
average value				7,0					45,3
standard deviation				0,8					3,0
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:

