



Proposed Brick Sample Panel



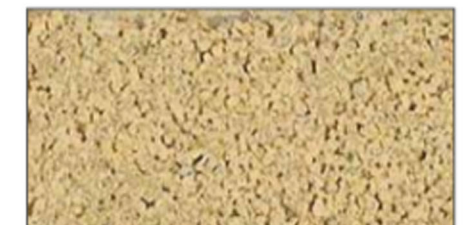
Proposed Brick Sample & Mortar

Declared performance	EN 771-1:2011		
Dimensions	214 x 101 x 66	mm	
Tolerances	T2	4 x 3 x 2	mm
Range	R1	9 x 6 x 5	mm
flatness of bed faces	NPD		
parallelism of bed faces	NPD		
Gross dry density	1750	kg/m <sup>3</sup>	
Net dry density	NPD		kg/m <sup>3</sup>
Density tolerances	D2	± 5	%
Volume of frogs	7,5	%	
Group of the unit	1		
Compressive strength * perpendicular to bed faces			
* mean	15	N/mm <sup>2</sup>	
* normalized	10	N/mm <sup>2</sup>	
Category	I		
Bond strength	NPD	N/mm <sup>2</sup>	
Thermal conductivity	0,47	W/m.K	EN 1745
Water vapour permeability	50/100		EN 1745
Direct airborne sound insulation	NPD		
Freeze/thaw resistance	F2		(F2/D)
Water absorption	14	%	
Initial rate of water absorption:	> 3,0	kg/m <sup>2</sup> .min	(IW4)
Active soluble salts content	S2		
Moisture movement	NPD	mm/m	
Dangerous substances	passed		NL-BBk
Reaction to fire	A1		

Brick Performance Specification



Wensum Red Blend



Yellow Medium

Proposed Mortar Colour