



# Traditional English Red Waterstruck Facing Brick

## DETAILS FROM DOP

Brick type / Category	U / 1			
Intended use	Bricks for use in unprotected masonry			
Geometry	G1	In accordance with EN1996-1-1.		
Dimensions, [mm]	UK-NF	Length 215	Width 103	Height 65
Tolerance, [mm]	T2	Length $\pm 4$	Width $\pm 3$	Height $\pm 2$
Range, [mm]	Rm	Length 8	Width 6	Height 4
Gross density	1800	kg / m <sup>3</sup>		
Tolerance	D1	$\pm 10\%$		
Compressive strength, average, min	25	N/mm <sup>2</sup>		
Compressive strength, normalized, min	20	N/mm <sup>2</sup>		
Water absorption, maximum	12	Weight%		
Durability against freeze/thaw	F2	Freeze/thaw resistant		
Active soluble salts content (Category)	S2			
Fire resistance	A1	contains < 1,0% organic material		

## SUPPLEMENTAL INFORMATION

Initial rate of absorption, average value $\pm$ tolerance	2,0 $\pm$ 0,5	kg/m <sup>2</sup>
Exposure class	MX4	
Bond strength	0,15	N/mm <sup>2</sup> , table value, EN 998-2, annex C
Bricks per m2 with a 10mm mortar joint	59	pcs / m <sup>2</sup>
Palletising	84	pcs
Cleaning	Acidcleaning not recommended. See instructions for cleaning of masonry at <a href="http://randerstegl.com">randerstegl.com</a>	
Mortar selection	The type of mortar is chosen on the basis of characteristics of strength and durability in accordance with static impacts and exposureclass.	
Note	Brick is a natural material and variations can thus occur in terms of colour and structure. Therefore please see samples or reference buildings with the brick products in question.	