

# Datasheet

## RT154

### ULTIMA WATERSTRUCK



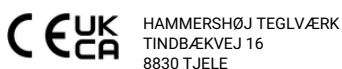
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#### DETAILS FROM DOP

Brick type / Category	U / 1			
Intended use	Bricks for use in unprotected masonry			
Geometry	G1	In accordance with EN1996-1-1 holepercentage under 25		
Dimensions, [mm]	ULT	Length 468	Width 108	Height 38
Tolerance, [mm]	T1	Length $\pm 9$	Width $\pm 4$	Height $\pm 2$
Range, [mm]	Rm	Length 10	Width 5	Height 4
Gross density	1800	kg / m <sup>3</sup>		
Tolerance	D1	$\pm 10\%$		
Compressive strength, average, min	46	N/mm <sup>2</sup>		
Compressive strength, normalized, min	35	N/mm <sup>2</sup>		
Water absorption, maximum	14	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	1,5 $\pm$ 0,5	kg/m <sup>2</sup>
Exposure class	MX3.2, MX4	
Bond strength	0,15	N/mm <sup>2</sup> , table value, EN 998-2, annex C
Bricks per m <sup>2</sup> with a 12mm mortar joint	42	pcs / m <sup>2</sup>
Palletising	50	pcs
Cleaning	Acid-cleaning is not allowed. 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.	



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