

Datasheet



RT545/Broadway Multi

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 102.5	Height 65
Tolerance, [mm]	T2	Length ± 4	Width ± 3	Height ± 2
Range, [mm]	Rm	Length 15	Width 7	Height 5
Gross density	1750	kg / m ³		
Tolerance	D1	$\pm 10\%$		
Compressive strength, average, min	30	N/mm ²		
Compressive strength, normalized, min	22	N/mm ²		
Water absorption, maximum	16	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	2,5 \pm 1,0	kg/m ²
Exposure class	MX4	
Bond strength	0,15	N/mm ² , table value, EN 998-2, annex C
Bricks per m ² with a 10mm mortar joint	60	pcs / m ²
Palletising	84	pcs
Cleaning	Acid-cleaning is not allowed. See instructions for cleaning of masonry at randerstegl.com	
Mortar selection	The type of mortar is chosen on the basis of characteristics of strength and durability in accordance with static impacts and exposure class.	
Note	<p>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.</p> <p>The bricks are placed in a specific pattern when fired, this provides the bricks with an impressive play of colours. The method may cause the facades to bend. The bending measures approx. 2-3 mm, but several bricks may bend up to approx. 10 mm.</p>	