

Datasheet with
CE declaration

RT 540
Unika Pantheon
Soft-moulded

The stated values are indicative* Revised: 26-11-2013



Brick type / Category	HD 1
Dimensions	Danish Standard format 228x108x54 mm
Tolerance	T2 Length \pm 4 mm, width \pm 3 mm, height \pm 2 mm
Gross density	1.700 kg/m ³
Tolerance	D2 Minimum value \pm 5%
Compressive strength, resting surface, average, min.	30 N/mm ²
Compressive strength, resting surface, normalised, min.	25 N/mm ²
Freeze/thaw resistance	F2
Geometry	Group 1 in accordance with EN 1996-1-1
Range	NPD
Flatness and plane parallelness	NPD
Moisture migration	NPD
Bond strength	0,15 N/mm ² (table value, EN 998-2, annex C)
Active soluble salts content	S2
Fire resistance	A1 (contains < 1.0% organic material)
Direct airborne sound insulation	NPD
Heat insulation	NPD
Water absorption, average value	11-13 weight %
Initial Rate of Absorption, average value	1,8-2,3 kg/m ²
Exposure class (environmental class)	MX3.2 (Aggressive environment)
*The exact values for a particular order can be obtained by contacting A/S Randers Tegl	
Capacity	63 pcs/m ²
Shaped bricks	No
Palletising: Danish Normalformat	112 or 80 pcs. with plastic hood
Acid washing	No acid wash
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.
Area of application	Exterior masonry
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.