



Datasheet with  
CE declaration

**RT 412**  
Gul/grønne Malakit blødstrøgne mursten  
massive

The stated values are indicative\* *Revised: 01-11-2012*

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	1.700-1.800 kg/m <sup>3</sup>
Tolerance	D2 Minimum value $\pm$ 5%
Compressive strength, resting surface, average, min.	25 N/mm <sup>2</sup>
Compressive strength, resting surface, normalised, min.	20 N/mm <sup>2</sup>
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 <sup>2</sup> (table value, EN 998-2, annex C)
Active soluble salts content	S0
Fire resistance	A1 (contains < 1.0% organic material)
Direct airborne sound insulation	NPD
Heat insulation	NPD
Water absorption, average value	14-17 weight %
Initial Rate of Absorption, average value	2,5-3,0 kg/m <sup>2</sup>
Exposure class (environmental class)	MX3.2 (Aggressive environment)
<i>*The exact values for a particular order can be obtained by contacting A/S Randers Tegl</i>	
Capacity	63 stk/m <sup>2</sup>
Shaped bricks	A11, A12, A13 and A14
Palletising:Danish Normalformat	112 or 80 pcs. with plastic hood
Acid washing	Normal See guidelines
Mortar selection	The type of mortar is chosen on the basis of characteristics of strength and durability in accordance with static impacts and exposureclass.
Area of application	External brickwork
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.