

product name		Production location
Handmade Volturno		Hedikhuizen
Colour		
No description		
Format		
Moulding method		Hand form
WF: 209 x 101 x 51 mm DF: 210 x 100 x 65 mm		Between batches the average size and color may slightly differ.
Essential Characteristics - EN771-1		
 0620-CPR-97880		
Dimensions: tolerance category	T2	
Dimensions: range category	R1	
Active soluble salt	S2	
Average compressive strength	NPD	Tested to the bed face
Normalised compressive strength	$\geq 10 \text{ N/mm}^2$	Tested to the bed face
Dimensional stability	NPD	
Bond Strength general	$0,15 \text{ N/mm}^2$	Value according EN998-2 Annex C
Adhesive strength (mortar)	$0,30 \text{ N/mm}^2$	Value according EN998-2 Annex C
Reaction to fire	A1	Category
Water absorption	$\leq 15\% \text{ m/md}$	
Water vapour permeability	5/10	
Net dry density	$1800 \text{ kg/m}^3 \text{ (D1)}$	
Gross dry density	$1690 \text{ kg/m}^3 \text{ (D1)}$	
Equivalent thermal conductivity	$\leq 0,49 \text{ W/m.K}$	Value according EN1745, Annex A 50%
Freeze/thaw resistance	F2	
Dangerous substances	NL-BSB	According Annex ZA.3
Other Characteristics		
Initial rate of water absorption - Non-coated Brick	$4,0 - 8,0 \text{ kg/m}^2.\text{min}$ (IW4)	Value according EN771-1:2011 - 5.3.8
Initial rate of water absorption ( $\text{kg/m}^2.\text{min}$ ) - Coated Brick*	NPD	Value according EN771-1:2011 - 5.3.8
Eq. Thermal Property 10, dry mass (90/90)	NPD	
Eq. Thermal Property 10, dry mass ( $\lambda_{\text{Ui}}$ )	NPD	
Eq. Thermal Property 10, dry mass ( $\lambda_{\text{Ue}}$ )	NPD	
		
Storage & handling		Cutting
<ul style="list-style-type: none"> <li>- Store packs on a clean surface and cover them</li> <li>- Process from multiple packs at the same time</li> <li>- Follow the Vandersanden processing guidelines</li> </ul>		Cutting with power tools may generate dust. This dust may contain silica or quartz particulate which may constitute a hazard. Persons undertaking work of this nature are advised to wear dust masks (FFP3).
*All our Coated bricks are only coated on the facing sides. Coated products are specially labeled and recognisable with a "C" logo on the top left-hand side of the packaging. Always check if using coated or non-coated bricks. Match the mortar to the specified initial water absorption.		