



Product name		Product group	Production location
Terra Cotta		B1	Beek
A mix of different kinds of clay - "Brunsummer" and "Maas" - forms the basis for this facing brick. By using specific sand types for surface covering, the desired colour is achieved.			
<b>Colour</b>			
Soft orange with shades of soft red			
<b>Format</b>			
Moulding method		Hand form	
WF: 209 x 99 x 50 mm		Between batches the average size and color may slightly differ.	
<b>Essential Characteristics - EN771-1</b>			
 <span style="margin-left: 20px;">EN 771 - 0620-CPR-53104</span>			
Dimensional tolerances	T2		
Range	R1		
Active Soluble Salts	S2		
Mean Compressive strength	$\geq 20 \text{ N/mm}^2$	Tested to the bed face	
Normalized Compressive strength	$\geq 15 \text{ N/mm}^2$	Tested to the bed face	
Dimensional stability	NPD		
Bond Strength general	$0,15 \text{ N/mm}^2$		
Bond Strength thin layer	$0,30 \text{ N/mm}^2$		
Reaction to fire	A1	Category	
Water absorption	$\leq 12\% \text{ m/md}$		
Water vapour permeability	50/100		
Net dry density	$1850 \text{ kg/m}^3 \text{ (D1)}$		
Gross dry density	$1700 \text{ kg/m}^3 \text{ (D1)}$		
Thermal conductivity Lambda 50/50	$\leq 0,51 \text{ W/m.K}$		
Durability against freeze thaw	F2		
Dangerous substances	NL-BSB	According to Annex ZA 3	
<b>Other Characteristics</b>			
Initial rate of water absorption - Non-coated Bricks	$1,5 - 4,0 \text{ kg/m}^2 \cdot \text{min (IW3)}$	Value according EN771-1:2011 - 5.3.8	
Initial rate of water absorption - Coated bricks	NPD	Value according EN771-1:2011 - 5.3.8	
Freeze/thaw resistance	NPD	B 27-009	
Thermal conductivity Lambda 90/90	NPD		
Thermal conductivity Lambda Ui	NPD		
Thermal conductivity Lambda Ue	NPD		
			
<b>Storage &amp; handling</b>		<b>Cutting</b>	
<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).	
<small>*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.</small>			