

product name		Production location	
Chemnitz B-Loch		Oberlausitz	
Colour			
Dark brown with glossy blue-grey and black shades			
Format			
Moulding method		Wirecut	
NF: 240 x 115 x 71 mm		From one series to another, the average size may slightly differ.	
Essential Characteristics - EN771-1			
Dimensions: tolerance category	T2		
Dimensions: range category	R1		
Active soluble salt	S2		
Average compressive strength	$\geq 43,8 \text{ N/mm}^2$	Tested to the bed face	
Normalised compressive strength	$\geq 31 \text{ N/mm}^2$	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	$\leq 6\% \text{ m/md}$		
Water vapour permeability	50/100		
Net dry density	$2300 \text{ kg/m}^3 \text{ (D2)}$		
Gross dry density	$1500 \text{ kg/m}^3 \text{ (D2)}$		
Equivalent thermal conductivity	$\leq \text{NPD}$	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	NPD	Value according EN771-1:2011 - 5.3.8	
Initial rate of water absorption ( $\text{kg/m}^2 \cdot \text{min}$ ) - 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).	
<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>			

product name		Production location	
Chemnitz B-Loch		Oberlausitz	
Colour			
Dark brown with glossy blue-grey and black shades			
Format			
Moulding method		Wirecut	
WF: 215 x 103 x 52 mm		From one series to another, the average size may slightly differ.	
Essential Characteristics - EN771-1			
Dimensions: tolerance category	T2		
Dimensions: range category	R1		
Active soluble salt	S2		
Average compressive strength	$\geq 56,3 \text{ N/mm}^2$	Tested to the bed face	
Normalised compressive strength	$\geq 40 \text{ N/mm}^2$	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	$\leq 6\% \text{ m/md}$		
Water vapour permeability	50/100		
Net dry density	$2300 \text{ kg/m}^3 \text{ (D2)}$		
Gross dry density	$2100 \text{ kg/m}^3 \text{ (D2)}$		
Equivalent thermal conductivity	$\leq \text{NPD}$	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	NPD	Value according EN771-1:2011 - 5.3.8	
Initial rate of water absorption ( $\text{kg/m}^2 \cdot \text{min}$ ) - 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 ( $\lambda_{\text{U}}$ )	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).	
<p>*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.</p>			