

Product name	Product group	Production location
Chemnitz (With Chamfered Edge)	O8	Oberlausitz






The use of high-performing Oberlausitz clay with a high volume of schist ensures the production of extruded facing bricks with a very low water absorption rate. The final colour is obtained by firing te bricks till sintering temperature.



Colour
Dark brown with glossy blue-grey and black shades

Format	
Moulding method	Wirecut
WF: 215 x 103 x 50 mm	Between batches the average size and color may slightly differ.

Essential Characteristics - EN771-1		
CE 2510-CPR-316		
Dimensional tolerances	Tm	
Range	R1	
Active Soluble Salts	S2	
Mean Compressive strength	$\geq 56,3 \text{ N/mm}^2$	Tested to the bed face
Normalized Compressive strength	$\geq 31 \text{ N/mm}^2$	Tested to the bed face
Dimensional stability	NPD	
Bond Strength general	$0,15 \text{ N/mm}^2$	
Bond Strength thin layer	$0,30 \text{ N/mm}^2$	
Reaction to fire	A1	Category
Water absorption	$\leq 6\% \text{ m/md}$	
Water vapour permeability	50/100	
Net dry density	NPD	
Gross dry density	$2200 \text{ kg/m}^3 \text{ (D2)}$	
Thermal conductivity Lambda 50/50	$\leq \text{NPD}$	
Durability against freeze thaw	F2	
Dangerous substances	NPD	According to Annex ZA 3

Other Characteristics		
Initial rate of water absorption - Non-coated Bricks	NPD	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	

				
Storage & handling		Cutting		
<ul style="list-style-type: none"> - Store packs on a clean surface and cover them - Process from multiple packs at the same time - Follow the Vandersanden processing guidelines 		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>				

Product name	Product group	Production location
Chemnitz (With Chamfered Edge)	O7	Oberlausitz
The use of high-performing Oberlausitz clay with a high volume of schist ensures the production of extruded facing bricks with a very low water absorption rate. The final colour is obtained by firing te bricks till sintering temperature.		
Colour		
Dark brown with glossy blue-grey and black shades		
Format		
Moulding method	Wirecut	
NF: 240 x 115 x 71 mm	Between batches the average size and color may slightly differ.	
Essential Characteristics - EN771-1		
 2510-CPR-316		
Dimensional tolerances	T1	
Range	R1	
Active Soluble Salts	S2	
Mean Compressive strength	$\geq 56,3 \text{ N/mm}^2$	Tested to the bed face
Normalized Compressive strength	$\geq 31 \text{ N/mm}^2$	Tested to the bed face
Dimensional stability	NPD	
Bond Strength general	$0,15 \text{ N/mm}^2$	
Bond Strength thin layer	$0,30 \text{ N/mm}^2$	
Reaction to fire	A1	Category
Water absorption	$\leq 6\% \text{ m/md}$	
Water vapour permeability	50/100	
Net dry density	NPD	
Gross dry density	$2200 \text{ kg/m}^3 \text{ (D2)}$	
Thermal conductivity Lambda 50/50	$\leq \text{NPD}$	
Durability against freeze thaw	F2	
Dangerous substances	NPD	According to Annex ZA 3
Other Characteristics		
Initial rate of water absorption - Non-coated Bricks	NPD	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	
		
Storage & handling	Cutting	
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