



Product name		Product group	Production location
Buchholz (7-Schlitz)		O4	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			
Unicoloured soft red			
Format			
Moulding method		Wirecut	
BDF: 240 x 115 x 52 mm		Between batches the average size and color may slightly differ.	
Essential Characteristics - EN771-1			
<div>CE</div> <div>EN 771-1 - 2510-CPR-316</div>		<div>UKCA</div> <div>NPD</div>	
2+		4	
Dimensional tolerances	Tm		
Range	R1		
Active Soluble Salts	S2		
Mean Compressive strength	>= 45 N/mm²	Tested to the bed face	
Normalized Compressive strength	>= 31 N/mm²	Tested to the bed face	
Dimensional stability	NPD		
Bond Strength general	0,15 N/mm²		
Bond Strength thin layer	0,30 N/mm²		
Reaction to fire	A1	Category	
Water absorption	<= 6% m/md		
Water vapour permeability	50/100		
Net dry density	NPD		
Gross dry density	1700 kg/m³ (D2)		
Thermal conductivity Lambda 50/50	NPD		
Durability against freeze thaw	F2	EN 772-22	
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 - PTV 23-002	NPD	NBN 27-009	
Thermal conductivity Lambda 90/90	NPD		
Thermal conductivity Lambda Ui	NPD		
Thermal conductivity Lambda Ue	NPD		
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Storage & handling		Cutting	
<div>- Store packs on a clean surface and cover them</div> <div>- Process from multiple packs at the same time</div> <div>- Follow the Vandersanden processing guidelines</div>		Dry 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).	
<div>* 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.</div>			