




Product name		Product group	Production location
Pirna (B-Loch)		O1	Vierkirchen
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 the bricks till sintering temperature. By smothering the brick the typical blue-grey colour is obtained.			
Colour			
Smothered grey with dark 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			
			
EN 771-1 - 2510-CPR-316		NPD	
2+		4	
Dimensional tolerances	T1		
Range	R1		
Active Soluble Salts	S2		
Mean Compressive strength	$\geq 45 \text{ N/mm}^2$	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	$1520 \text{ kg/m}^3 \text{ (D2)}$		
Thermal conductivity Lambda 50/50	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 - PTV 23-002	NPD	NBN 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"> <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.			