




Product name		Product group		Production location	
Borna (B-Loch)		O1		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 the bricks till sintering temperature.					
Colour					
Yellow with brown and 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			
2+				4	
Dimensional tolerances		T1			
Range		R1			
Active Soluble Salts		S2			
Mean Compressive strength		≥ 45 N/mm ²		Tested to the bed face	
Normalized Compressive strength		≥ 31 N/mm ²		Tested to the bed face	
Dimensional stability		NPD			
Bond Strength general		0,15 N/mm ²			
Bond Strength thin layer		0,30 N/mm ²			
Reaction to fire		A1		Category	
Water absorption		≤ 6% m/md			
Water vapour permeability		50/100			
Net dry density		NPD			
Gross dry density		1520 kg/m ³ (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"> - 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).		
* 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.					