



product name		Production location	
Buchholz		Oberlausitz	
Colour			
No description			
Format			
Moulding method		Wirecut	
XL45: 290 x 65 x 45 mm RF: 250 x 120 x 65 mm		Between batches the average size and color may slightly differ.	
Essential Characteristics - EN771-1			
 2510-CPR-316			
Dimensions: tolerance category	Tm		
Dimensions: range category	R1		
Active soluble salt	S2		
Average compressive strength	$\geq 56,3$ N/mm	Tested to the bed face	
Normalised compressive strength	≥ 31 N/mm ²	Tested to the bed face	
Dimensional stability	NPD		
Bond Strength general	0,15 N/mm ²	Value according EN998-2 Annex C	
Adhesive strength (mortar)	0,30 N/mm ²	Value according EN998-2 Annex C	
Reaction to fire	A1	Category	
Water absorption	$\leq 6\%$ m/md		
Water vapour permeability	50/100		
Net dry density	NPD		
Gross dry density	2200 kg/m ³ (D2)		
Equivalent thermal conductivity	\leq NPD	Value according EN1745, Annex A 50%	
Freeze/thaw resistance	F2		
Dangerous substances	NPD	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 (kg/m ² .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 (λ_{Ui})	NPD		
Eq. Thermal Property 10, dry mass (λ_{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.			