



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).
<small>*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.</small>		