


product name		Production location	
Narsdorf		Oberlausitz	
Colour			
No description			
Format			
Moulding method		Wirecut	
XL45: 290 x 65 x 45 mm		From one series to another, the average size may slightly differ.	
Essential Characteristics - EN771-1			
Dimensions: tolerance category	T2		
Dimensions: range category	R1		
Active soluble salt	S2		
Average compressive strength	$\geq 56,3 \text{ N/mm}^2$	Tested to the bed face	
Normalised compressive strength	$\geq 40 \text{ N/mm}^2$	Tested to the bed face	
Dimensional stability	NPD		
Bond Strength general	$0,15 \text{ N/mm}^2$	Value according EN998-2 Annex C	
Adhesive strength (mortar)	$0,30 \text{ N/mm}^2$	Value according EN998-2 Annex C	
Reaction to fire	A1	Category	
Water absorption	$\leq 6\% \text{ m/md}$		
Water vapour permeability	50/100		
Net dry density	$2300 \text{ kg/m}^3 \text{ (D2)}$		
Gross dry density	$2100 \text{ kg/m}^3 \text{ (D2)}$		
Equivalent thermal conductivity	$\leq \text{NPD}$	Value according EN1745, Annex A 50%	
Freeze/thaw resistance	F2		
Dangerous substances	NL-BSB	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 ($\text{kg/m}^2 \cdot \text{min}$) - 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>			