VANDERSANDEN

product name	Production location
Buchholz	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	>= 56,3 N/mm²	Tested to the bed face
Normalised compressive strength	>=40 N/mm²	Tested to the bed face
Dimensional stability	NPD	
Bond Strength general	0,15 N/mm²	Value according EN998-2 Annex C
Adhesive strength (mortar)	0,30 N/mm²	Value according EN998-2 Annex C
Reaction to fire	A1	Category
Water absorption	<= 6% m/md	
Water vapour permeability	50/100	
Net dry density	2300 kg/m³ (D2)	
Gross dry density	2100 kg/m³ (D2)	
Equivalent thermal conductivity	<=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 (kg/m².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 (lambda Ui)	NPD	
Eq. Thermal Property 10, dry mass (lambda Ue)	NPD	

Storage & handling	Cutting
- 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.

product name	Production location
Buchholz	Oberlausitz

Colour	
No description	

Format	
Moulding method	Wirecut
RF: 250 x 120 x 65 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	>= 56,3 N/mm²	Tested to the bed face
Normalised compressive strength	>=40 N/mm²	Tested to the bed face
Dimensional stability	NPD	
Bond Strength general	0,15 N/mm²	Value according EN998-2 Annex C
Adhesive strength (mortar)	0,30 N/mm²	Value according EN998-2 Annex C
Reaction to fire	A1	Category
Water absorption	<= 6% m/md	
Water vapour permeability	50/100	
Net dry density	2300 kg/m³ (D2)	
Gross dry density	2100 kg/m³ (D2)	
Equivalent thermal conductivity	<=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 (kg/m².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 (lambda Ui)	NPD	
Eq. Thermal Property 10, dry mass (lambda Ue)	NPD	

Storage & handling	Cutting
- 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).

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