

product name		Production location
Wasserstrich Garda		Beek
A mix of different kinds of "Löss" clays forms the basis for this facing brick. By using the Waterstruck technique the brick surfaces are structured yet not sanded.		
Colour		
Yellow with white and grey shades		
Format		
Moulding method		Waterstruck
WF: 209 x 99 x51 mm DF: 217 x 100 x66 mm		Between batches the average size and color may slightly differ.
Essential Characteristics - EN771-1		
 0620-CPR-53104		
Dimensional tolerances	T2	
Range	R1	
Active Soluble Salts	S2	
Mean Compressive strength	>20 N/mm ²	Tested to the bed face
Normalized Compressive strength	>= 15 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	<= 12% m/md	
Water vapour permeability	50/100	
Net dry density	1850 kg/m ³ (D1)	
Gross dry density	1700 kg/m ³ (D1)	
Thermal conductivity Lambda 50/50	<=0,51 W/m.K	
Durability against freeze thaw	F2	
Dangerous substances	NL-BSB	According to Annex ZA 3
Other Characteristics		
Initial rate of water absorption - Non-coated Bricks	1,5 - 4.0 kg/m ² .min (IW3)	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	NPD	B 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.		

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Format			
Moulding method		Waterstruck	
WF: 209 x 99 x51 mm S-BDF: 234 x 110 x52 mm DF: 217 x 100 x66 mm		Between batches the average size and color may slightly differ.	
Essential Characteristics - EN771-1			
		0620-CPR-53104	
Dimensional tolerances	T2		
Range	R1		
Active Soluble Salts	S2		
Mean Compressive strength	>20 N/mm ²	Tested to the bed face	
Normalized Compressive strength	>= 15 N/mm ²	Tested to the bed face	
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Bond Strength thin layer	0,30 N/mm ²		
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Thermal conductivity Lambda 50/50	<=0,51 W/m.K		
Durability against freeze thaw	F2		
Dangerous substances	NL-BSB	According to Annex ZA 3	
Other Characteristics			
Initial rate of water absorption - Non-coated Bricks	1,5 - 4.0 kg/m ² .min (IW3)	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	NPD	B 27-009	
Thermal conductivity Lambda 90/90	NPD		
Thermal conductivity Lambda Ui	NPD		
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