





Product name	Product group	Production location
Rainbow White	B3	Beek
A mix of different kinds of clay forms the basis for this facing brick. The handform surface is covered with a white coating on a cement mix basis. The brick and the cement coating are freeze resistant, physical characteristics in terms of air conductivity and humidity control are guaranteed.		
Colour		
Cemented white with soft shades		
Format		
Moulding method	Hand form	
WF: 209 x 99 x 50 mm DF: 214 x 100 x 66 mm HF: 230 x 90 x 41 mm M50: 192 x 89 x 50 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	$\geq 20 \text{ N/mm}^2$	Tested to the bed face
Normalized Compressive strength	$\geq 15 \text{ N/mm}^2$	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	$\leq 10\% \text{ m/md}$	
Water vapour permeability	50/100	
Net dry density	1850 kg/m ³ (D1)	
Gross dry density	1650 kg/m ³ (D1)	
Thermal conductivity Lambda 50/50	$\leq 0,51 \text{ W/m.K}$	
Durability against freeze thaw	F2	
Dangerous substances	NL-BSB	According to Annex ZA 3
Other Characteristics		
Initial rate of water absorption - Non-coated Bricks	0,5 - 1,5 kg/m ² .min (IW2)	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.		

Product name	Product group	Production location
Rainbow White	D2	Beek
A mix of different kinds of clay forms the basis for this facing brick. The handform surface is covered with a white coating on a cement mix basis. The brick and the cement coating are freeze resistant, physical characteristics in terms of air conductivity and humidity control are guaranteed.		
Colour		
Cemented white with soft shades		
Format		
Moulding method	Hand form	
LF40: 244 x 92 x 42 mm : 244 x 92 x 42 mm	Between batches the average size and color may slightly differ.	
Essential Characteristics - EN771-1		
 0620-CPR-97880		
Dimensional tolerances	T2	
Range	R1	
Active Soluble Salts	S2	
Mean Compressive strength	$\geq 10 \text{ N/mm}^2$	Tested to the bed face
Normalized Compressive strength	$\geq 10 \text{ N/mm}^2$	Tested to the bed face
Dimensional stability	NPD	
Bond Strength general	$0,15 \text{ N/mm}^2$	
Bond Strength thin layer	$0,30 \text{ N/mm}^2$	
Reaction to fire	A1	Category
Water absorption	$\leq 18\% \text{ m/md}$	
Water vapour permeability	5/10	
Net dry density	$1650 \text{ kg/m}^3 \text{ (D1)}$	
Gross dry density	$1530 \text{ kg/m}^3 \text{ (D1)}$	
Thermal conductivity Lambda 50/50	$\leq 0,43 \text{ W/m.K}$	
Durability against freeze thaw	F2	
Dangerous substances	NL-BSB	According to Annex ZA 3
Other Characteristics		
Initial rate of water absorption - Non-coated Bricks	$1,5 - 4,0 \text{ kg/m}^2 \cdot \text{min (IW3)}$	Value according EN771-1:2011 - 5.3.8
Initial rate of water absorption - Coated bricks	$0,5 - 1,5 \text{ kg/m}^2 \cdot \text{min (IW2)}$	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).	
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