





product name		Production location
Handmade Wapper/Rainbow White		Beek
Een mengsel van verschillende, uitgelezen kleisoorten vormt de basis. Op het handvorm oppervlak wordt een witte topcoating aangebracht op basis van cementmengeling. De steen en de coating zijn absoluut vorstbestendig en de bouwfysische eigenschappen van adem- en vochtregeling blijven gewaarborgd.		
Colour		
Cemented white		
Format		
Moulding method		Hand form
WF: 209 x 99 x 50 mm DF: 214 x 98 x 66 mm HF: 228 x 90 x 41 mm M50: 192 x 89 x 50 mm		From one series to another, the average size may slightly differ.
Essential Characteristics - EN771-1		
 <span style="margin-left: 20px;">0620-CPR-53104/07</span>		
Dimensions: tolerance category	T2	
Dimensions: range category	R1	
Active soluble salt	S2	
Average compressive strength	$\geq 30 \text{ N/mm}^2$	Tested to the bed face
Normalised compressive strength	$\geq 20 \text{ N/mm}^2$	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	$\leq 10\% \text{ m/md}$	
Water vapour permeability	50/100	
Net dry density	$1850 \text{ kg/m}^3 \text{ (D1)}$	
Gross dry density	$1650 \text{ kg/m}^3 \text{ (D1)}$	
Equivalent thermal conductivity	$\leq 0,51 \text{ W/m.K}$	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	$0,5 - 1,5 \text{ kg/m}^2 \cdot \text{min (IW2)}$	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 ( $\lambda_{\text{Ui}}$ )	NPD	
Eq. Thermal Property 10, dry mass ( $\lambda_{\text{Ue}}$ )	NPD	
		
Storage & handling		Cutting
<ul style="list-style-type: none"> <li>- Store packs on a clean surface and cover them</li> <li>- Process from multiple packs at the same time</li> <li>- Follow the Vandersanden processing guidelines</li> </ul>		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>		

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Handmade Wapper/Rainbow White		Beek	
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Colour			
Cemented white			
Format			
Moulding method		Hand form	
LF-4: 244 x 92 x 42 mm		From one series to another, the average size may slightly differ.	
Essential Characteristics - EN771-1			
		0620-CPR-97880/01	
Dimensions: tolerance category	T2		
Dimensions: range category	R1		
Active soluble salt	S2		
Average compressive strength	NPD	Tested to the bed face	
Normalised compressive strength	$\geq 10 \text{ N/mm}^2$	Tested to the bed face	
Dimensional stability	NPD		
Bond Strength general	$0,15 \text{ N/mm}^2$	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	$\leq 18\% \text{ m/md}$		
Water vapour permeability	5/10		
Net dry density	NPD		
Gross dry density	$1600 \text{ kg/m}^3 \text{ (D1)}$		
Equivalent thermal conductivity	$\leq 0,43 \text{ W/m.K}$	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	$1,5 - 4,0 \text{ kg/m}^2 \cdot \text{min (IW3)}$	Value according EN771-1:2011 - 5.3.8	
Initial rate of water absorption ( $\text{kg/m}^2 \cdot \text{min}$ ) - 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 ( $\lambda_{Di}$ )	NPD		
Eq. Thermal Property 10, dry mass ( $\lambda_{De}$ )	NPD		
			
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