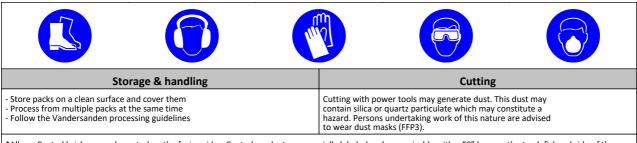


product name		Production location			
Handmade ImperiaHedikhuizenThe bricks are mainly produced from alluvial clays from the sedimentary region of the river Meuse. The river eroded the Ardennes rock formations and carried along the eroded materials. In the flooded region of the river's lower course, these materials were eventually deposited as sediments. Judicious mixing of the clay deposits produces just the right kind of base material for the production of hand form bricks.					
Colour					
A grey brown brick with white and light brown shades.					
Format					
Moulding method Hand form					
WF: 210 x 100 x 50 mm DF: 213 x 103 x 66 mm LF-4: 245 x 90 x 40 mm	Between batches the	Between batches the average size and color may slightly differ.			
Essential Ch	aracteristics - EN771-1	L			
	CE	0620-CPR-97880			
Dimensions: tolerance category	T2				
Dimensions: range category	R1				
Active soluble salt	S2				
Average compressive strength	NPD	Tested to the bed face			
Normalised compressive strength	>= 10 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	<= 15% m/md				
Water vapour permeability	5/10				
Net dry density	1800 kg/m³ (D1)				
Gross dry density	1690 kg/m³ (D1)				
Equivalent thermal conductivity	<=0,49 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	4,0 - 8,0 kg/m².min (IW4)	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				



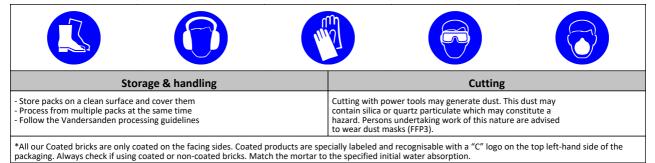
NPD

Eq. Thermal Property 10, dry mass (lambda Ue)

*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		
Handmade Imperia		Spouwen		
The bricks are mainly produced from alluvial clays from the sedimentary region of the river Meuse. The river eroded the Ardennes rock formations and carried along the eroded materials. In the flooded region of the river's lower course, these materials were eventually deposited as sediments. Judicious mixing of the clay deposits produces just the right kind of base material for the production of hand form bricks.				
	Colour			
A grey brown brick with white and light brown shades.				
Format				
Moulding method Hand form				
WF: 210 x 100 x 50 mm	0 mm Between batches the average size and color may slightly differ.			
Essential Cha	aracteristics - EN771-1			
	CE	0620-CPR-97882		
Dimensions: tolerance category	T2			
Dimensions: range category	R1			
Active soluble salt	S2			
Average compressive strength	>= 20 N/mm ²	Tested to the bed face		
Normalised compressive strength	>= 20 N/mm ²	Tested to the bed face		
Dimensional stability	NPD			
Bond Strength general	NPD	Value according EN998-2 Annex C		
Adhesive strength (mortar)	NPD	Value according EN998-2 Annex C		
Reaction to fire	A1	Category		
Water absorption	<= 14% m/md			
Water vapour permeability	5/10			
Net dry density	1740 kg/m³ (D1)			
Gross dry density	1630 kg/m³ (D1)			
Equivalent thermal conductivity	<=0,60 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 kg/m².min (IW3)	Value according EN771-1:2011 - 5.3.8		
Initial rate of water absorption (kg/m².min) - Coated Brick*	0,5 - 1,5 kg/m².min (IW2)	Value according EN771-1:2011 - 5.3.8		
Eq. Thermal Property 10, dry mass (90/90)	0,65 W/m.K			
Eq. Thermal Property 10, dry mass (lambda Ui)	0,697 W/m.K			
Eq. Thermal Property 10, dry mass (lambda Ue)	1,376 W/m.K			





product name		Production location			
Handmade Imperia		Hedikhuizen			
The bricks are mainly produced from alluvial clays from the sedimentary region of the river Meuse. The river eroded the Ardennes rock formations and carried along the eroded materials. In the flooded region of the river's lower course, these materials were eventually deposited as sediments. Judicious mixing of the clay deposits produces just the right kind of base material for the production of hand form bricks.					
Colour					
A grey brown brick with white and light brown shades.					
Format					
Moulding method Hand form					
NF: 240 x 115 x 71 mm	NF: 240 x 115 x 71 mm Between batches the				
Essential Cha	aracteristics - EN771-1				
	CE	0620-CPR-97880			
Dimensions: tolerance category	T2				
Dimensions: range category	R1				
Active soluble salt	S2				
Average compressive strength	NPD	Tested to the bed face			
Normalised compressive strength	>= 10 N/mm ²	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	<= 11% m/md				
Water vapour permeability	5/10				
Net dry density	1950 kg/m³ (D1)				
Gross dry density	1780 kg/m³ (D1)				
Equivalent thermal conductivity	<=0,56 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 kg/m².min (IW3)	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				





product name		Production location		
Handmade Imperia		Lanklaar		
The bricks are mainly produced from alluvial clays from the sedimentary region of the river Meuse. The river eroded the Ardennes rock formations and carried along the eroded materials. In the flooded region of the river's lower course, these materials were eventually deposited as sediments. Judicious mixing of the clay deposits produces just the right kind of base material for the production of hand form bricks.				
	Colour			
A grey brown brick with white and light brown shades.				
Format				
Moulding method Hand form				
DF: 214 x 101 x 65 mm	DF: 214 x 101 x 65 mm Between batches the			
Essential Cha	aracteristics - EN771-1			
	CE	0620-CPR-97884		
Dimensions: tolerance category	T2			
Dimensions: range category	R1			
Active soluble salt	S2			
Average compressive strength	>= 20 N/mm ²	Tested to the bed face		
Normalised compressive strength	>= 20 N/mm ²	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	<= 14% m/md			
Water vapour permeability	5/10			
Net dry density	1740 kg/m³ (D1)			
Gross dry density	1630 kg/m³ (D1)			
Equivalent thermal conductivity	<=0,60 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 kg/m².min (IW3)	Value according EN771-1:2011 - 5.3.8		
Initial rate of water absorption (kg/m².min) - Coated Brick*	0,5 - 1,5 kg/m².min (IW2)	Value according EN771-1:2011 - 5.3.8		
Eq. Thermal Property 10, dry mass (90/90)	0,65 W/m.K			
Eq. Thermal Property 10, dry mass (lambda Ui)	0,697 W/m.K			
Eq. Thermal Property 10, dry mass (lambda Ue)	1,376 W/m.K			

