

product name		Production location	
Handmade Berkeley Red		Erbaa/Tokat	
Colour			
Red with dark shades			
Format			
Moulding method		Hand form	
DF: 215 x 100 x 65 mm		Between batches the average size and color may slightly differ.	
Essential Characteristics - EN771-1			
CE NPD			
Dimensional tolerances	T2		
Range	R1		
Active Soluble Salts	S2		
Mean Compressive strength	>= 20 N/mm ²	Tested to the bed face	
Normalized Compressive strength	NPD	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	<= 15% m/md		
Water vapour permeability	5/10		
Net dry density	1610 kg/m ³ (D1)		
Gross dry density	1720 kg/m ³ (D1)		
Thermal conductivity Lambda 50/50	<=0,41 W/m.K		
Durability against freeze thaw	F2		
Dangerous substances	NPD	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	
- 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.			