

Product name		Product group	Production location
Sintra		B2	Beek
A mix of Eifel and Westerwald clays forms the basis for this facing brick. By using the Waterstruck technique the brick surfaces are structured yet not sanded.			
Colour			
Ivory with shades of light brown			
Format			
Moulding method		Waterstruck	
WF: 209 x 99 x 51 mm		Between batches the average size and color may slightly differ.	
Essential Characteristics - EN771-1			
		EN 771 - 0620-CPR-53104	
Dimensional tolerances	T2		
Range	R1		
Active Soluble Salts	S2		
Mean Compressive strength	$\geq 25 \text{ N/mm}^2$	Tested to the bed face	
Normalized Compressive strength	$\geq 20 \text{ N/mm}^2$	Tested to the bed face	
Dimensional stability	NPD		
Bond Strength general	$0,15 \text{ N/mm}^2$		
Bond Strength thin layer	$0,30 \text{ N/mm}^2$		
Reaction to fire	A1	Category	
Water absorption	$\leq 10\% \text{ m/md}$		
Water vapour permeability	50/100		
Net dry density	$1900 \text{ kg/m}^3 \text{ (D1)}$		
Gross dry density	$1750 \text{ kg/m}^3 \text{ (D1)}$		
Thermal conductivity Lambda 50/50	$\leq 0,53 \text{ W/m.K}$		
Durability against freeze thaw	F2		
Dangerous substances	NL-BSB	According to Annex ZA 3	
Other Characteristics			
Initial rate of water absorption - Non-coated Bricks	$0,5 - 1,5 \text{ kg/m}^2 \cdot \text{min (IW2)}$	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"> <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).	
*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.			