

Product name		Product group	Production location
Rainbow Greydust		B1	Beek
A mix of different kinds of clay forms the basis for this facing brick. The handform surface is covered with a grey 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 grey-white with brown and dark grey 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 S-BDF: 234 x 110 x 52 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	$\leq 12\% \text{ m/md}$		
Water vapour permeability	50/100		
Net dry density	1850 kg/m ³ (D1)		
Gross dry density	1700 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	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	
<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).	
<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>			