

Product name		Product group	Production location
Polar SN		B1	Nabewerking Beek
A mix of different kinds of clay forms the basis for this facing brick. The handform surface is covered with a white coating on a cement mix basis. The brick and the cement coating are freeze resistant, fysical characteristics in terms of air conductivity und humidity control are guaranteed.			
Colour			
Cemented white with brown and grey shades			
Format			
Moulding method		Hand form	
DF: 216 x 20 x 66 mm		Between batches the average size and color may slightly differ.	
Essential Characteristics			
Dimensional tolerances	T2	EN 772-16	
Range	R1	EN 772-16 (EN 771-1 & DIN 105-100)	
Flatness – About length	NPD	EN 772-16 (EN 771-1 & DIN 105-100)	
Flatness – About height	NPD	EN 772-16 (EN 771-1 & DIN 105-100)	
Flatness	<= 2mm	EN 772-20 (EN 771-1 & DIN 105-100)	
Curvature	NPD		
Reaction to fire	A1	Category	
Part organic material	< 0,05%		
Water absorption	<= 12% m/md	EN 772-21 (EN 771-1 & DIN 105-100)	
	<= 20% m/md	EN 10545-3 (DIN 105-100)	
Water vapour permeability	50/100		
Net dry density	1850 kg/m³ (D1)		
Gross dry density	1700 kg/m³ (D1)		
Thermal conductivity Lambda 50/50	<=0,51 W/m.K		
Thermal conductivity Lambda 90/90	NPD		
Thermal conductivity Lambda Ui	NPD		
Thermal conductivity Lambda Ue	NPD		
Active Soluble Salts	S2		
Durability against freeze thaw	F2	EN 772-22 (EN 771-1 & DIN 105-100)	
	Frostbestand	DIN 52252-1	
	NPD	NBN B 23-101	
Dangerous substances	NL-BSB		
Pore volume	>= 80 mm³/g	15901-1 / DIN 66133	
    			
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		Dry 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).	