

Product name		Product group	Production location
Kopernikus SN		S4	Lanklaar Zagerij
A mix of different kinds of clay forms the basis for this facing brick. This special mix of clays is ideally suited for the manufacturing of facing bricks. Due to the use of the waterstruck-technique the facing bricks sight will appear smoothly textured without sand coated surface.			
Colour			
Orange-red with white, light grey and green-grey shades.			
Format			
Moulding method		Mould	
NF: 240 x 20 x 72 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	<= 7% m/md	EN 772-21 (EN 771-1 & DIN 105-100)	
	<= 16% m/md	EN 10545-3 (DIN 105-100)	
Water vapour permeability	50/100		
Net dry density	2000 kg/m³ (D1)		
Gross dry density	1900 kg/m³ (D1)		
Thermal conductivity Lambda 50/50	<=0,53 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	NPD	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).