

Product name		Product group	Production location
Orea SN		L1	Lanklaar Zagerij
The raw materials are excavated in Weichsel loam layers, the local loam of Aeolian origin dating from the Ice Age. This löss mainly consists of a silt-like fraction, suited ideally for the manufacturing of hand form bricks. By using specific sand types for surface covering, the desired colour is achieved.			
Colour			
Orange-red to red-purple with dark grey shades			
Format			
Moulding method		Hand form	
DF: 214 x 20 x 65 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	<= 14% m/md	EN 772-21 (EN 771-1 & DIN 105-100)	
	<= 20% m/md	EN 10545-3 (DIN 105-100)	
Water vapour permeability	5/10		
Net dry density	1740 kg/m³ (D1)		
Gross dry density	1630 kg/m³ (D1)		
Thermal conductivity Lambda 50/50	<=0,60 W/m.K		
Thermal conductivity Lambda 90/90	0,65 W/m.K		
Thermal conductivity Lambda Ui	0,697 W/m.K		
Thermal conductivity Lambda Ue	1,376 W/m.K		
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	>= 160 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).