VANDERSANDEN

Product name	Product group	Production location
Heathflower SN	V2	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
light red with soft brown shade

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	<= 15% m/md	EN 772-21 (EN 771-1 & DIN 105-100)
	NPD	EN 10545-3 (DIN 105-100)
Water vapour permeability	5/10	
Net dry density	1690 kg/m³ (D1)	
Gross dry density	1580 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)
	NPD	DIN 52252-1
	Zeer vorstbest./Résist. élevée au gel	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).

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