

Product name		Product group	Production location
Sexton Firebrand SN		B1	Lanklaar Zagerij
A mix of Eifel and Westerwald clays forms the basis for this facing brick. By using the Waterstruck technique the brick surfaces are structured yet not sanded.			
Colour			
Red with grey-blue shades(*)			
(*)This brick is not a standard product and therefore only available upon request			
Format			
Moulding method		Waterstruck	
WF50mm: 209 x 20 x 51 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).	