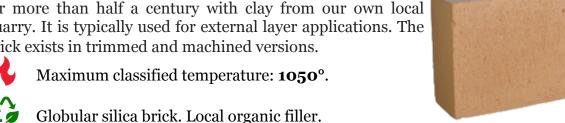


PS8(M) - Product data sheet

Presentation:

PS8 is a variation of the iconic PS6 brick offering a density at 0.85 g/cm³ and a higher CCS at 4.5 MPa. It has been produced for more than half a century with clay from our own local quarry. It is typically used for external layer applications. The brick exists in trimmed and machined versions.





Machined version *

Properties :		Standards	Units	Average µ	Limits	
					TI (low)	Th (high)
Classification		ISO 2245		105		
		ASTM C155				
Bulk density	1	EN 1094-4	g/cm3	0,85		0,91
Cold Crushing Strength (⊥ to pressing direction)		ISO 8895	Мра	4,5	3,2	
Permanent Linear Change (12h at 1050°C)		ISO 2477	%	-0,5	-1,5	
Chemical		100 40077	0/			
Analysis:		ISO 12677	%			
(XRF)	Al2O3			10	7	
	SiO2			83,5		
	Fe2O3			3,2		4
	TiO2			0,4		
	CaO+MgO			1,5		
	Na2O+K2O			1		1,4
Thermal Conductivity :		ASTM C182	W/m.K			
(through 114mm dimension)	200°C			0,22		
	400°C			0,24		
	600°C			0,27		
	800°C					
	1000°C					
Reversible Thermal Expansion: (20°C to 1000°C)		ISO 16835	%	0,7		
Pyroscopic Cone Equivalent:		ISO 528	°C	1450		

Dimensional tolerances:	Standard Pieces	Non-Standard Pieces	
Length	±1.5mm		
Width	±1.5mm	According to accepted	
Thickness	±1.5mm	drawings	
Squaring	1mm / 100mm		

Other Information :	C 1400 S or H	RL 13 S or H	
Recommended mortar	C : Heat set	RL : Air set	
	S: Dry / Powder	H : Ready to Use	

*Exists in trimmed version

Ref. 2023/02

Physical properties are based on averages of routine quality controls carried out on standard bricks. Averages and standard deviations are indicative values, limits (Tl and Th) are guaranteed values.

