

THERMAX® S 600 / S 700 / S 800 Stove refractory boards



Various design examples can be found at the backside.

Technical specifications

THERMAX®		S 600	S 700	S 800
Delivery format	mm / ±2	1000 x 610	1000 x 610	1000 x 610
Thickness	mm / ±1	8 – 120	8 – 90	8 – 80
Classification temperature	°C	1100	1100	1100
Bulk density (DIN EN 1094-4)	kg/m ³	575 – 650	675 – 750	775 – 850
Modulus of Rupture (DIN EN 933-6)	MPa	2.0	3.0	4.5
Cold Crushing Strength (DIN EN ISO 8895)	MPa	3.1	4.3	5.2
Thermal conductivity (ASTM C201-C182)	200 °C	0.17	0.20	0.22
	400 °C	0.19	0.22	0.24
	600 °C	0.23	0.24	0.26
Thermal Shrinkage (DIN EN 1094-6)	% / after 12h at 1100 °C	< 2.0	< 2.0	< 2.0
Thermal expansion linear (DIN 51045)	% / 20 – 700 °C	0.55	0.55	0.55

THERMAX® S700 Design versions of the stove refractory boards

THERMAX® S can be supplied with a designed surface in many possible shapes. In addition, **THERMAX® S** stove refractory boards can be coloured with **Techno-Coat HT**, a special coating for combustion chambers, available in black, white or red.



Design: „rib“

Design examples:

We are pleased to produce individual designs according to your wishes and requirements.



Design: „stone“

THERMAX®

- uncompromising sustainability, safety and health
- natural product – correctly sorted 100% recyclable
- toxicologically safe
- no outgassing
- sterile (thermally treated raw material)
- odourless
- skin-friendly
- non-combustible A1
- shape-retaining
- resistant to ageing
- fibre-free
- easy to work with and process with little dust
- your first choice if you want to use TPGreen SOLUTIONS for fire protection or heat engineering



Design: „square“



Design: „wood“