

# Insulating fireproof bricks (HTI bricks)

Tecnical data	HTI 23	HTI 26	HTI 28	HTI 30
Max working temperature, °C	1260	1430	1540	1650
Density, kg/m <sup>3</sup>	600	800	900	1000
<b>Chemical composition in %</b>				
Al <sub>2</sub> O <sub>3</sub>	40	50	64	72
SiO <sub>2</sub>	54	46	33	26
<b>Flexural failure-/compressive strength Mpa</b>				
	1.0/1.5	1.4/2.5	1.7/3.0	2.0/3.5
<b>Thermal conduction figures W/m<sup>2</sup>K</b>				
400°C	0.18	0.26	0.33	0.39
600°C	0.20	0.28	0.34	0.41
800°C	0.23	0.30	0.36	0.43
1000°C	0.26	0.33	0.37	0.45
1200°C	-	0.35	0.39	0.47
HTI 23 and HTI 26 are on stock in the dimensions 64x114x230 mm and 76x114x230 mm Other qualities and dimensions to order				
<i>The above values are theoretical values stated in the data sheets of the manufacturers and shall solely be considered as guidance values. Rev. 12.2021</i>				