

## DURASTEEL®

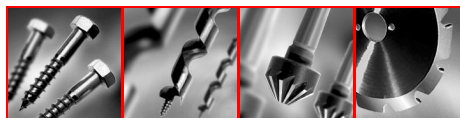
Mechanically Resistant insulating rigid board for structural protective lining systems in aggressive and hot media

DURASTEEL®		6 mm	9.5 mm
Maximum operating temperature	°C	600	600
Peaking temperature	°C	1000	1000
Nominal density	Kg / m <sup>3</sup>	2800	2210
Thermal conductivity	W / mK	0.55	0.55
Compressive strength	N / mm <sup>2</sup>	60	60
Flexural strength	N / mm <sup>2</sup>	109	84
Traction Resistance	N / mm <sup>2</sup>	32	32
Module of elasticity	N / mm <sup>2</sup>	55000	40000
Sound absorption	dB	28	30
Weight in m <sup>2</sup>	Kg / m <sup>2</sup>	16.8	21
Humidity content	%	6	6
Maximum water absorption value	%	14	14

**Sizes:**                      Length (mm)                      Width (mm)                      Thickness (mm)  
    2500                                      1200                                      6.0 - 9.5

**Tolerances:**                      Thickness                                      Length / Width  
    + 1.5 / - 0                                      ± 1mm

**Workability:**



The above data are given in good faith and refer to internal standard test procedures based on internationally recognized testing methods; they are subjected to normal fluctuation during the production process. No warranty are herewith given regarding specific applications without our prior written approval. Our data sheets cannot be used for technical specifications purposes without our authorization. All right reserved – Promat is a registered trademark.

