



# PROMABOARD®

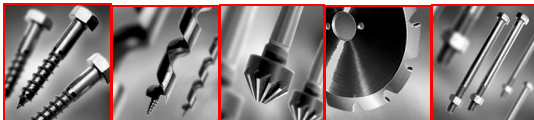
High Density Calcium Silicate boards for thermal and electrical insulation precision components , and hot platten presses

PROMABOARD®		NT3	NT5
Classification temperature	°C	350	500
Nominal density	Kg /m <sup>3</sup>	1600	1600
Linear shrinkage at classification temperature, 12 hours	%	0.5	0.5
Thermal conductivity at mean temperature of:			
	200°C	W /mK	0.43
	400°C		0.41
		-	0.47
Flexural strength	N / mm <sup>2</sup>	35	40
Cold compressive strength	N / mm <sup>2</sup>	75	100
Reversible thermal expansion coefficient	m / mK	8.5 x 10 <sup>-6</sup>	8.5 x 10 <sup>-6</sup>
SPecific heat	kJ / kg K	1.05	1.05
Electrical uniform strength	kV /m	-	3800
Electrical cycle resistance	Valore CTI	-	600
L.O.I.	%	15	15

Sizes:	Length (mm)	Width (mm)	Thickness (mm)
NT3	2520 / 2500	1240 /1220	6,8,10,15,18
NT5 st.,(sanded.)	2520 / 2500	1240 /1220	(6)7,(8)9,(10)11,(12)13,(15)17,(20)22, (25)27

Tolerances:	Thickness	Length / Width
(not sanded):	± 15%	± 5%

### 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.

