



PROMAFORM[®] Board

Refractory Ceramic Fiber Rigid Boards

PROMAFORM [®] Board		1260	1430	1600	
Classification Temperature	°C	1260	1430	1600	
Mean nominal density	Kg / m ³	320	320	200	
Specific Heat	Kcal / Kg°C	1.13	1.13	1.05	
Linear shrinkage, 24 hours	%	1100°C / 3.0	1300°C / 3.2	1500°C / 1.5	
Compressive strength	Mpa	0.25	0.25	-	
Thermal conductivity at mean temperature of					
	200°C	W / mK	0.07	0.07	0.07
	400°C		0.08	0.08	0.08
	600°C		0.11	0.10	0.10
	800°C		0.15	0.13	0.13
	1000°C		0.19	0.18	0.18
L.O.I.	%	6	5	4	
Typical chemical composition					
	Al ₂ O ₃	%	43	33	62
	SiO ₂		52	47	30
	ZrO ₂		-	16	-
	Organic		5	4	6

Sizes:	Length (mm)	Width (mm)	thickness (mm)
1260 e 1430	1200	1000	from 5 to 150 mm depending on qualities da 25 a 100 mm
1600	1000	500	

Tolerances:	Thickness	Length / Width	
Up to 10 mm	± 0.75 mm	± 1.5 mm	specific tolerances on demand
From 15 mm	± 3.0 mm	± 1.5 mm	specific tolerances on demand

Workability:



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