



Thermo Donut ©System

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What will happen at high temperatures: (in case of fire)

Temperature:	Standard	Noncombustible (600)
+ 23 degree C	Compressive Strength: 300 N/mm2	Compressive Strength: 400 N/mm2
+ 200 degree C	(Continuous use temperature) Compressive Strength: 100 N/mm2 Melting?: no Burning?: no	Compressive Strength: 250 N/mm2
+ 230 degree C	(Maximum use temperature)	
+ 250 degree C	Compressive Strength: 90. N/mm2 Melting?: no Burning?: no	
+300 degree C	Compressive Strength: 75 N/mm2 Melting?: no Burning?: no	
+400 degree C	Compressive Strength: 50. N/mm2 Carbonized , material weight loss is more than 2%. Burning?: no	
+500 degree C	Compressive Strength: 40. N/mm2 Carbonized , material weight loss is more than 6%.. Burning?: no	
+ 600 degree C		(Continuous use temperature) (Maximum use temperature) Compressive Strength: 150 N/mm2 Melting?: no Burning?: no
+ 650 degree C		Compressive Strength: 130 N/mm2 Melting?: no Burning?: no
+ 700 degree C		Compressive Strength: 100. N/mm2 Melting?: no Burning?: no
+ 800 degree C		Compressive Strength: 80 N/mm2 Carbonized , material weight loss is more than 2%. Burning?: no