
FIRECLAY PLATE (250X250X20) : A – 35T

Alumina content ($\text{Al}_2\text{O}_3 + \text{TiO}_2$) : 39 - 40,0 %

Silica content (SiO_2) : 53 - 56,0 %

Iron content (Fe_2O_3) : < 1,8 %

Bulk density (g/cm^3) : 2,09 - 2,12

Total porosity (Vol.%) : 20 - 22

Cold crushing strenght (CCS) : > 25 N/mm^2

Thermal shock resistance : > 20

Permanent linear change up to 1200° C : 0,6 - 0,65%

ASTM grade - SK : 32/33

Fire resistance under load - ta : 1400° C

Thermal conductivity W/mK	400° C	1,20
	800° C	1,25
	1200° C	1,35

Suitable mortar : C- 40

Tolerance : $\pm 1 \%$

For the size < 150 mm : $\pm 1,5 \%$
