

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 strength (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 : + 1 %
For the size < 150 mm : + 1,5 %