

CERTIFICATE EVIDENCING TECHNICAL CHARACTERISTICS OF THE MATERIAL (KRT)

INDEX TEST OF GDT TRAVERTINE

PETROGRAPHIC DESCRIPTION	:	WHITE TRAVERTINE
HARDNESS (MOHS)	:	3
UNIT WEIGHT (GR/CM3) DRY	:	2,65 +/- 0,175
SATURATEAD BY WATER	:	2,52 +/- 0,174
POROSITY (%)	:	2,40 +/- 0,456
WATER ABSORBTION BY WEIGHT (%)	:	0,916 +/- 0,086
UNIAXIAL STRENGHT (KG/CM2)	:	636 +/- 71,6
SUITABILITY FOR CUTTING	:	GOOD
SUITABILITY FOR POLISHING	:	GOOD
SUITABILITY FOR BEVELLING	:	GOOD

CHEMICAL COMPOSITION

Si2O	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	MnO	Loss of heating	Total
0,67	0,13	0,070	0,67	55,5	0,028	0,007	0,00	0,005	43,74	100,820

EXPERIMENTS WERE DONE AT DOKUZ EYLUL UNIVERSITY ACCORDING TO TSE 699.