



TECHNICAL DATA
FOR INSULATION SLABS



BRAND NAME :

NT0.3 - 1000

RAW MATERIAL BASIS :

CALCIUM SILICATE

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1000
Bulk density , Kg/cm ³ after drying at 110°C	270
Cold crushing strength , Kg/cm ² after drying at 110°C	7 – 9
Thermal conductivity , Kcal/h.m.°c at 400°C	0.10
600°C	0.13
800°C	0.15
Permanent Linear Change , % After heating at 800°C , %	≤ 2

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	52.0
Al ₂ O ₃	0.2
MgO	1.4
Fe ₂ O ₃	0.5
CaO	45.5
Na ₂ O + K ₂ O + Li ₂ O	0.4

DIMENSION :

1000×500×15 mm
1000×500×25 mm
1000×500×30 mm
1000×500×40 mm
1000×500×50 mm
1000×500×65 mm
1000×500×75 mm
1000×500×100mm

The data are subject to reasonable variations and therefore should not be used for specification purposes .

ASTM Test Methods , where applicable , used for determination of data .

ES0100F02

X