



TECHNICAL DATA
FOR INSULATION SLABS



BRAND NAME :

NT0.3 - 1000

RAW MATERIAL BASIS :

CALCIUM SILICATE

PHYSICAL PROPERTIES :

Classification temperature ,°C	1000
Maximum service temperature ,°C	900
Bulk density , Kg/m ³ after drying at 110°C	≤ 280
Cold crushing strength , Kg/cm ² after drying at 110°C	10 Min.
Thermal conductivity , Kcal/h.m.°C at 200°C	0.08
300°C	0.10
400°C	0.11
600°C	0.15
Permanent linear change , % after heating at 800°C	≤ 2

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	45 – 55
Al ₂ O ₃	1 – 2
MgO	< 1
Fe ₂ O ₃	< 1
CaO	35 – 40

DIMENSION :

900 × 600 mm
× (10 , 15 , 20 , 25 , 30 , 40 , 50 , 60 , 75 , 100 , 125 mm)
1000 × 500 mm

DIMENSIONAL TOLERANCES :

length , %	- 1
thickness , mm	± 1

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 .

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