

COGEDUO
HIGH INSULATION BOARD
TECHNICAL DATA SHEET
REV.00 OF 26/04/2000



Description:

COGEDUO is a rigid board based on polyimide fiber, lightweight and flexible. It is reinforced with “COGEMICANITE”, in order to obtain a better electrical insulation properties.

It is 3-4 times more efficient than the other materials used for thermal-electrical insulation (concrete, calcium silicates, traditional mica boards until 333°C).

COGEDUO, unlike many organic plates for insulation, doesn't crack, even in extreme condition; it has a significantly

longer lifetime, so no time would be wasted in changing worn-out parts

Benefits:

- Easy to cut and very workable
- In a few months the energetic savings will pay back the cost of the product
- No more costs to change worn-out parts
- COGEDUO makes your process faster and more efficient, and this results in more profit.

Technical Specifications:

Density	g/cm ³	1.00
Standard thicknesses	mm	5
Board dimension	mm	1200x1000
Thermal conductivity	W/m°K at 204°C	0.046
Compressive strength	MPa	14
Flexural strength	MPa	7
Continuous operating temperature	°C	288
Dielectric strength	KV/mm at 288°C	13
Insulating class		H
Non-flammable	UL-94	94V-0