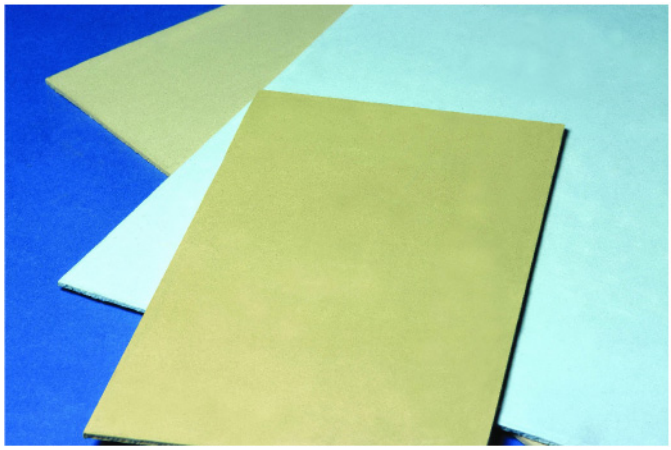
NEFALIT MILLBOARD

DESCRIPTION

A non-asbestos board providing good thermal insulation, long life and ease of use with simple wood working tools. Nefalit can be drilled, sawn, glued and moulded for a vast range of industrial uses.

APPLICATIONS

- Furnace & Boiler construction
- Manufacturing of Heating Equipment
- Foundries
- Steel Industry
- Non-ferrous Industry
- Electrical Industry
- Chemistry / Chemical Industry
- Automotive Construction
- Aeronautical Construction
- Naval Construction



Nefalit was developed for thermal and fire resistant insulation in construction and the manufacturing of packings, joints and gaskets. Specific products to applications are:

Nefalit 7 Bio

Thermal Shields, Fire Protection, Inner-Coating of Industrial Furnaces, Gaskets. This material is ranked in IARC Group 3: Cannot be classified as a carcinogenic to man.

Nefalit Bio

Steel and Smelting Industries, Automotive Industry, Domestic Appliance Manufacturing, Industrial Furnace Production, Construction of Thermal Protection Panels (Welding).

Nefalit 11

Burners, Dryers, Obturators and for protection against electrical arches.

Nefalit 16

Insulation in electrical devices and home appliances, protection for welding, thermal gaskets (flange gaskets) reinforcement of building insulation (doors, safes, cupboards). All sectors of Industrial activity.

CHARACTERISTICS	Nefalit 7 Bio	Nefalit Bio	Nefalit 11	Nefalit 16
Colour	Grey	Blue	Yellow	Rose
Temperature	850°C	1200°C	1100°C	1200°C
Density	0,85	1,10	1,10	1,0
Thermal Conductivity at 400 °C	0,10 W/m.°K	0,12 W/m.°K	0,12 W/m.°K	0,16 W/m.°K
Heat Loss treatment at 800°C	15%	15%	13%	15%
Tensile strength Longitudinal fibres Transversal fibres	 50 kg/cm² 40 kg/cm²	 50 kg/cm² 40 kg/cm²	 40 kg/cm² 30 kg/cm²	 40 kg/cm² 30 kg/cm²
Compressibility according to ASTM F 36 method K (70kg/cm²)	15 %	7 %	10 %	10%
Recovery	35%	50%	40%	40%

All information and data quoted has been provided by our suppliers and is based upon years of experience in the production and operation of sealing elements. This data may not be used to support any warranty claims. With its publication this latest edition supersedes all previous issues and is subject to change without further notice.