

MOUNTING BLOCKS(THERMAX BLOCKS) FOR TEXTILE MACHINERIES



(SINDHANIO SHEETS)



SINDHANIO MOUNTING BLOCKS(Textile Machines)



(THERMO LIGHT & THERMO IMPACT) BOARDS

PROVIDE ENERGY SAVING SOLUTIONS

Thermal Insulation Industries is engaged in manufacturing & Supply of:-

(1) High Temperature Thermal insulation boards(Non-Asbestos):- These boards are made using cement, Fibers & Mineral materials & have high mechanical strength with good insulation property.

(2) FRP pultruded sections(Epoxy/Polyester):- These sections are made using Thermosetting resins like Epoxy/Polyester & reinforcements like Glass fibers/Carbon fibers. Mainly used as Electrical Insulations & Non- Corrosive structural materials.

Our company is based at Vadodara (Gujarat, India).

In addition to manufacturing of products, We also provide services & turnkey solutions to the Industries. Our range of products, Applications & services offered, are as mentioned below.

(1)Thermal Structural Insulation boards(Non-Asbestos):-

PRODUCTS:-

1. Sindhania-350 :- (Non-Asbestos):- size -1200 x 1050 mm & Thk – 3.5 to75 mm

Temperature withstanding capacity:- 350 deg. centi. continuous.

Applications:- **Mounting Blocks(Thermax Blocks) used in Texturizing Machineries**, Induction Furnace parts, Chimney supports, Ele. Heater mtg. blocks, Induction brazing

2. Sindhanio-550 :- (Non-Asbestos):- size -1200 x 1050 mm & Thk – 6 to 75 mm
 Temperature withstanding capacity:- 550 deg. centi. continuous.
 Applications:- Sintering of Diamond tools, etc.

3. Thermo Light :- (Non-Asbestos):- size – 1200 x 1050 & Thk – 25 to 75 mm.
 Temperature withstanding capacity:- 600 deg. centi. continuous.
 Light weight with high Insulation properties.
 Used in “Industrial Ovens/Furnaces, PFY/POY plants, Steam curing chambers”

4. Thermo Impact :- (Non-Asbestos):- size – 1200 x 1050 mm & Thk –6 to 75 mm.
 Temperature withstanding capacity:- 350 deg.
 High compressive(mechanical) strength even at high temperatures.
 Specially made for-“Mould Platen Insulation applications in Presses like Rubber, Plywood, Bakelite

Standard Sheet sizes available :- Thickness:- 3.5 , 5 , 6, 8, 10, 12, 16, 20, 25, 30, 32, 40, 50, 75 mm
 Dimensions Of Sheet : 1050 mm(42”) x 1200 mm(48”)

CUSTOMERS USING MOUNTING BLOCKS:-

The Manufacturers of Texturizing Machineries in Gujarat like HIMSON TEXTILE ENGINEERING INDIA LTD, Surat etc.

Specifications	Requirement As per IS:4248	Sindhanio 350 Obtained Value	Remarks
Continuous Operating Temperature	-	350 °C (Max)	-
Density (Kg/m ³)	-	1900	-
Thermal Conductivity (W/m °K)	-	0.64	-
Cross-breaking strength (Kg/cm ²)	Min. 300	366	Conforms
Crushing Strength (Kg/cm ²)	Min. 1055	1536	Conforms
Shear Strength (Kg/cm ²)	Min. 210	437	Conforms
Deformation under Compression, Kgf	Reduction in thickness shall not be greater than 5% nor	Reduction in thickness: 2 %	Conforms