

Syndanio NA (Non Asbestos)

- Boards for High Mech. Strength at High Temperature.



This is high strength machinable Non- Asbestos grade thermal and electrical insulation board suitable for applications requiring high mechanical strength at high temperature.



We have two varieties of products

1. **Syndanio NA- 350**
With stands 350°C Continuous Temperature
2. **Syndanio NA- 550**
With stands 550°C Continuous Temperature



Advantages

- High Mechanical strength
- Precise to machine and work
- Temperature resistant up to 550°C
- Thermal Insulating
- High electrical strength and arc resistance
- Dust - free surface
- Asbestos free and safe in terms of working hygiene
- Non-Combustible & Non-ignitable

Applications

- Induction Furnace parts
- Arc Furnaces
- Electrical heater mounts
- Insulating Truck Beds Carrying Billets
- Chimney supports
- Heat Barriers
- Backup insulation
- Fire proof parts

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Standard sizes available

Size: 1050 mm X 1200 mm

Thickness: 6, 8, 10, 12, 16, 20, 25, 38, 50, 75 mm



Technical specifications

	Syndanio NA -350	Syndanio NA - 550
Density (gm / cm ³)	1.6	1.4
Crushing strength (Kg / cm ²)	450	300
Water absorption	10%	14%
Max. Continuous Operating Temperature	350°C	550°C
Dielectric strength at 90°C		
• Transverse	1 KV / mm	1 KV / mm
• Surface	3 KV / min	3 KV / min
Shear Strength (Kg/Cm ²)	270	180
Thermal Conductivity of boards thickness 10 mm at 350 0C (W/M°C)	0.21	0.23