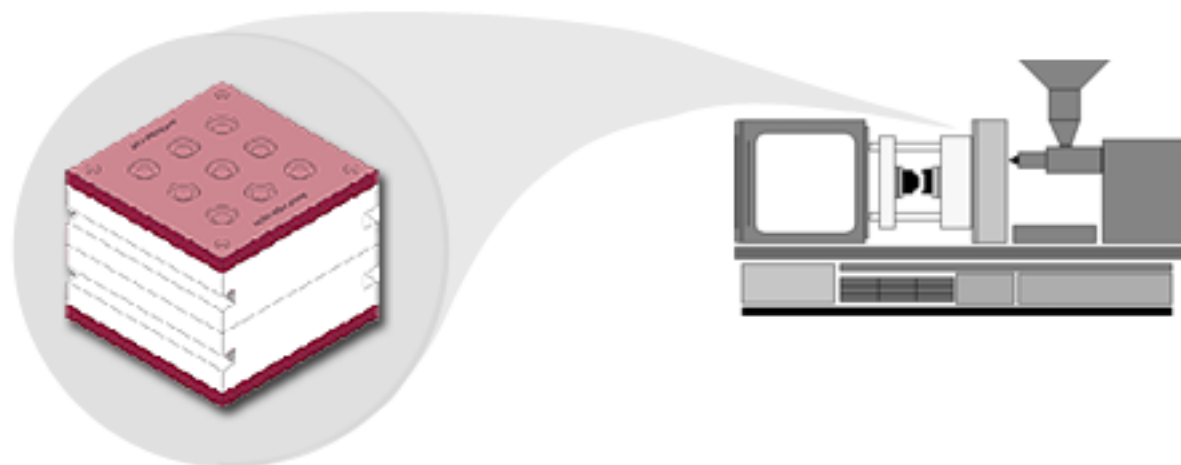


Thermocem

- An Optimised Mechanical & Thermal Properties for Cost Effective Solution



This is a non-asbestos grade product

We have developed Thermocem family of insulation boards for this application where in mechanical and thermal properties are optimized for cost effective solutions.

Mold platen insulation is used on both sides of the mold in order to control mold temperature and conserve energy losses. Mold platen insulation lowers energy costs by maintaining mold temperature.

Properly Insulated molds require less energy to operate. Thermocem board is an excellent choice for mold insulation applications. It has got significant advantages when compared with materials like mica, asbestos, concrete or calcium silicate. Thermocem is an efficient thermal barrier. It is strong enough to resist the effects of molding pressure & rough handling. It is also resistant to oil.

We have two varieties of products

1. **Thermocem-350**
Mold Platen insulation boards for Thermoplastic & Thermoset plastic molding presses
2. **Thermocem-550**
For Diamonds Sintering Process (Diamond Tools manufactures)

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Advantages

- Good Hot Compressive Strength
- Low Thermal Conductivity
- Reduces Heat Loss
- Helps Control temperature
- Faster Mold Start up

Applications

- Rubber Molding Industries
- Glass Industries
- Plywood Industries
- Bakelite Molding Industries
- Rubber Gasket Industries



Standard sizes available

Size: 1050 mm × 1200 mm

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



Technical specifications

	Thermocem 350	Thermocem 550
Density (gm/cm ³)	1.6	1.4
Crushing strength (kg/cm ²)	450	300
Max. Continuous Temperature	350 °C	550 °C
Sear Strength (kg/cm ²)	270	180
Thermal Conductivity (W/m°C)	0.34	0.23