

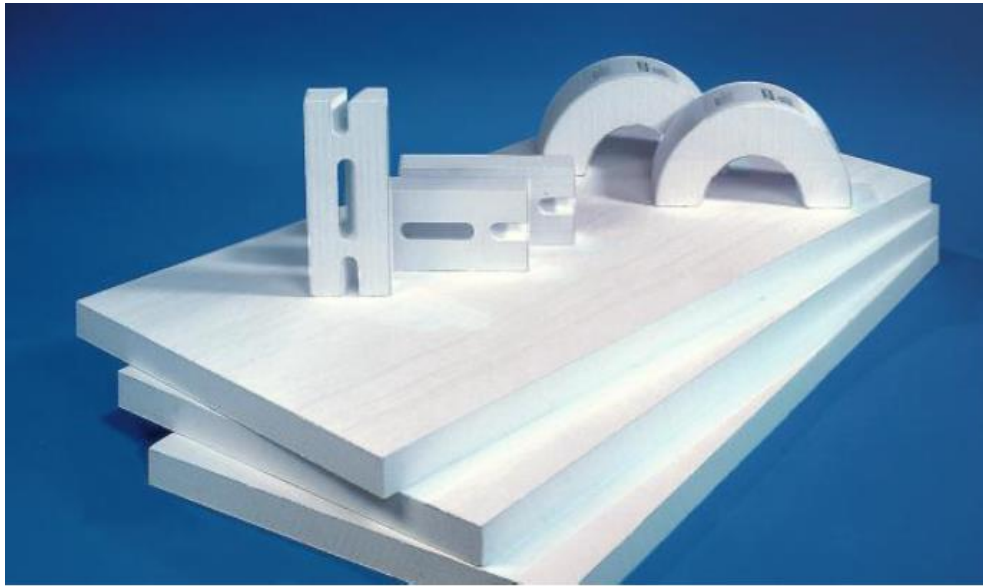


NIT 900422258-9

CARBOLANNE

INSULATION TECHNOLOGY

CARBOSIL CALCIUM SILICATE INSULATION



Our Board of Calcium silicate provides very stable thermal conductivity values throughout a wide range of temperatures and contributes to the desired saving of your process.

PHYSICAL CHARACTERISTICS

- Good mechanical strength
- Extremely low thermal conductivity
- High thermal stability
- Low shrinkage
- Maximum service temperature: 1000°C
- Thermal Conductivity (W/M-°K):
 - At 200 C.....0,081
 - At 400 C.....0,099
 - At 600 C.....0,126
 - At 800 C....0,163
- Colour: White
- Bulk Density: 220 kg/m³
- Thermal expansion a 400 C: 6.0X10⁻⁶ m/m k
- Bending strength (longitudinal direction): 1.0 N/mm²
- Cold compressive strength (perpendicular direction): 2,5 N/mm²
- Linear shrinkage: At 1000 C, 12 h 0,5%
- Specific heat capacity at 400 C: 1.02 kj/kg k
- Surface burning characteristics:
 - Flame spread..... 0
 - Smoke developed.... 0 Asbestos free identification
- Physical properties of Carbosil insulation represent typical average values obtained in accordance with accepted test methods and are subject to reasonable variations.
- Compliance with ASTM Standards.



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- Carbosil 650:1000x300/1000x500
- Carbosil 1000: 1000x300/1000x500
- Thickness: (mm) 25-50-75-100

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