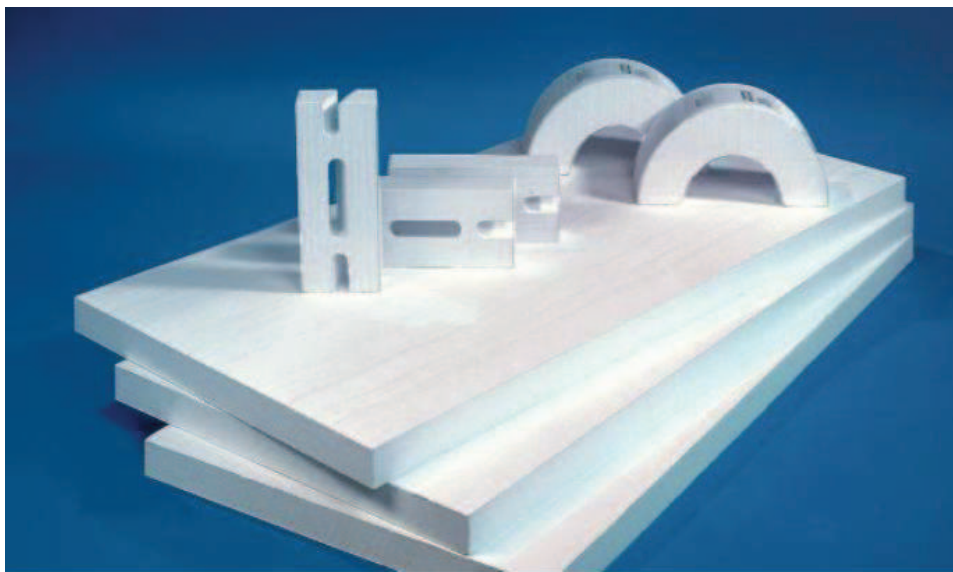


## CARBOLANNE

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/m<sup>3</sup>

NIT 900422258-9

- Thermal expansión a 400 C:  $6.0 \times 10^{-6}$  m/m k
- Bending strength (longitudinal direction): 1.0 N/mm<sup>2</sup>
- Cold compressive strength (perpendicular direction): 2,5 N/mm<sup>2</sup>
- 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.

#### PRODUCT DIMENSIONS & STANDARD SIZES

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

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