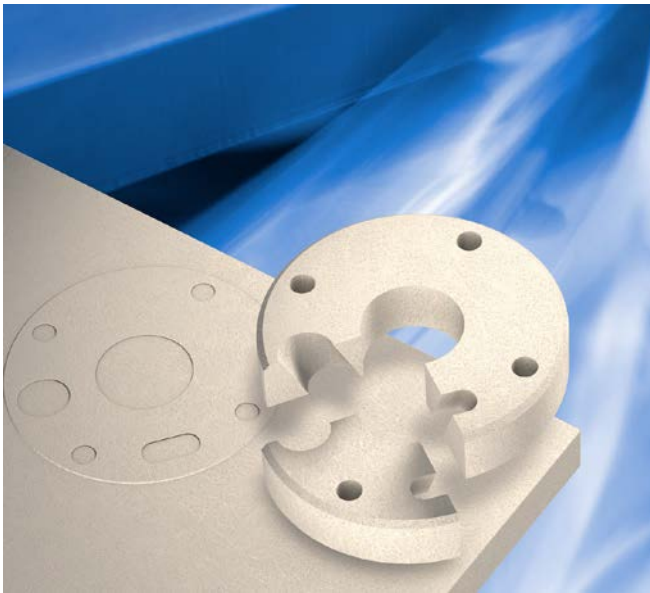


# isoTHERM® SG Board - thermal insulation with special chemistry



## Application areas

**isoTHERM® SG Boards** are insulation boards that have been developed for high-temperature applications in car manufacturing, heat engineering, plant and furnace manufacturing, process industry, shipbuilding and aviation as well as fire protection for buildings. isoTHERM® SG boards are based on HT fibres made from e-glass and an inorganic bonding agent that does not release any gas. The material combination guarantees high temperature resistance.

## Product characteristics

- Low heat conductivity
- Low weight
- Bonded fibres
- High dimensional stability and high shape accuracy
- Dust-free
- No odour development
- No pollutants
- No skin irritation

## Technical data

- |                          |                         |
|--------------------------|-------------------------|
| • Temperature resistance | 1100 °C                 |
| • Density                | > 200 kg/m <sup>3</sup> |
| • Average fibre diameter | 10 µ                    |
| • Organic content        | < 2%                    |
| • Shrinkage              | < 1%                    |
| • Odour development      | None                    |
| • Toxicity               | None                    |

In view of the variety of different installation and operation conditions and application and process engineering options, the information given in this prospectus can only provide approximate guidance.

## Product range

**isoTHERM® SG - Board** is available in thicknesses between 5 and 25 mm. Further thicknesses can be supplied on request.

**isoTHERM® SG – 3D parts** can be designed and manufactured according to your specifications – both as individual parts and as complete sub-assemblies.

## Quality management

ISO 9001; ISO/TS 16949

## Environmental management

ISO 14001

## Energy management

ISO 50001

Do you have any questions about your application? The technical textiles information service will help you:

[textile@frenzelit.com](mailto:textile@frenzelit.com)

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