

isoGLAS® EG Board - thermal insulation



Application areas

isoGLAS® EG Boards are insulation boards for use in high-temperature applications, in construction engineering fire protection, in heat engineering, in plant and furnace manufacturing, in process industry, in shipbuilding and aerospace applications and in car manufacturing. isoGLAS® EG is based on e-glass fibres and an inorganic bonding agent that does not release gas. This material combination makes isoGLAS® EG Boards an ideal insulation material.

Product characteristics

- Low heat conductivity
- Low weight
- Bonded fibres
- High dimensional stability and contour accuracy
- Dust-free
- No odour problems
- No pollutants
- Allows mechanical processing (drilling, milling, cutting, water jet cutting)

Technical data

- Temperature resistance 750 °C
for a short period 1,000 °C
- Density > 200 kg/m³
- 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

isoGLAS® EG – Board

The material is supplied in thicknesses between 5 and 25 mm. Further dimensions are possible on request.

isoGLAS® EG – 3D parts

Both individual parts and complete sub-assemblies can be designed and manufactured in accordance with your specifications.

Quality management

ISO 9001; ISO/TS 16949

Environment 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

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