



GW Ovens Needed mat

Cooking ovens

Application:

Isover needed mat is designed to provide high insulating efficiency in household and commercial ovens.

Description:

Isover needed mat is a thermal insulation felt material made from glass wool, mechanically consolidated by means of needling.

It is binder free, which prevents from any VOC emissions.

The Glass Wool needed mat does not contain slugs.

Material:

Mineral wool unrisky regarding health according to guideline EU 97/69 Nota Q, German decree on dangerous substances and decree on prohibition of chemicals. Mineral wool with quality mark RAL by the Gütegemeinschaft Mineralwolle e. V.

Free of sulfite, chromium and sulphur.



Thermal performances:

Thermal conductivity λ [W/(m.°K)], according EN 12 667

| T [°C] | 150 | 200 | 250 |
|------------|----------------|----------------|----------------|
| Needed mat | below 0.055 | below 0.065 | below 0.085 |

Specific thermal capacity C around 1 kJ/(kg.K).

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GW Ovens Needled mat

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Service temperature:

Service temperature up to 500 °C in continuous service, up to 550 °C maximum by intermittence, with stable dimensions.
Anti-dust additive evaporates at 150 °C



Fire reaction:

Non combustible, fire class A1, according EN 13 501 (CSTB test report n° RA 02-0200).

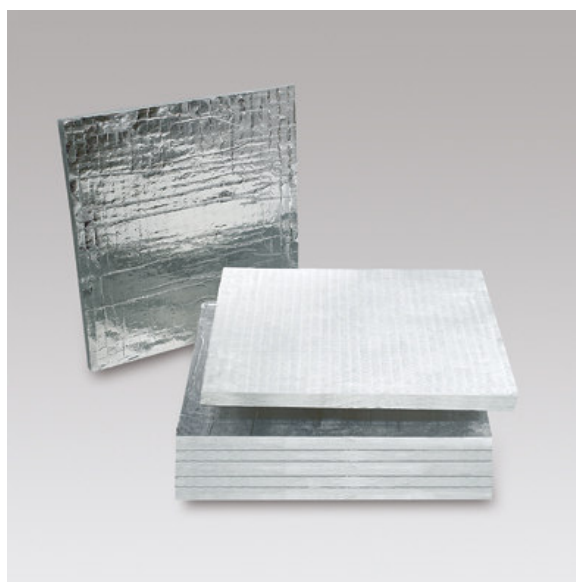
Characteristics / Dimensions / Packaging:

- Thicknesses: 10 to 40 mm.
- Dimensions: Available in roll or panel shape.

Panels can be cut to size by stamping to fit objects of irregular dimensions.

- Possible facing: Aluminium foil.
- Packaging: Closed polyethylene bag for rolls. Pallets and cartons for stamped slabs.

Products shall be used within 2 months after their production date.



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