



## TECHNICAL DATA SHEET

# SOCKELDÄMMPLATTE-GRAU 032

## 1. PRODUCT DESCRIPTION

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Grey EPS rigid foam according to DIN EN 13163.

## 2. FIELD OF APPLICATION

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Base insulation board in areas exposed to spray water, also in combination with KEIM ETIC-Systems.

Application: exterior walls; window and door reveals

Suitable for: Masonry or concrete, rendered and unrendered; panel material in timber construction; building sealing; ETICS upgrade system

Application type according to DIN 4108-10 WAS.

Not suitable for: cold self-adhesive plastic membranes; horizontal and inclined surfaces exposed to weathering; metallic substrates.

## 3. PRODUCT PROPERTIES

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- easy to use
- with improved heat protection
- HBCD-free (with new flame retardant)
- free of CFC, CHC and aromatic hydrocarbons
- fire behaviour: hardly inflammable B1 according to 4102
- resistant to aging
- resistant to splashing water and moisture
- The insulation panels comply with the high standards of the VDPM e.V. (association for insulation systems, renders and mortars)
- Externally monitored by Forschungsinstitut für Wärmeschutz e.V. München

### MATERIAL CHARACTERISTICS:

- |  |               |
|--|---------------|
| - Rated value of thermal conductivity: | 0.032 W/mK    |
| - Panel size:                          | 1000 x 500 mm |
| - Panel thickness:                     | 20 mm         |
| - Edge formation:                      | square        |
| - Colour shade:                        | grey          |

## 4. APPLICATION INSTRUCTIONS

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### SUBSTRATE PREPARATION:

The substrate must be strong, dry, clean, sound and free from adhesion-reducing residues. The permanent compatibility of any existing coatings with the adhesive mortar must be examined by an expert. Strongly sanding or unevenly absorbent surfaces should be primed with Indulagua primer. Observe the Technical Data Sheet of the primer with regard to execution and dilution. Adhesion tests must be carried out on cold self-adhesive plastic sealing membranes using suitable adhesives.

### APPLICATION CONDITIONS:

Ambient and substrate temperature during application and drying from  $\geq 5$  °C to  $\leq 30$  °C. Do not apply in direct sunlight or on sun-heated substrates. Protect surfaces from direct sun, wind and rain during and after application.

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### APPLICATION:

Cut to size with insulation knife or hot wire cutter.

### GLUING:

The insulation panels are butted tightly and glued in a bond from bottom to top. Apply the appropriate adhesive mortar to the insulation panels using the bead-and-dot method or over the entire surface. Push the boards into place. At the edges of the building, the insulation panels are glued offset. For full-surface gluing, apply the system-specific adhesive mortar to the insulation panels and, if necessary, to the substrate using a 10 mm toothed trowel. Immediately float the insulation panels into the fresh mortar bed with slight pressure. Closing of unavoidable defects and joints up to 5 mm wide with Iso Top Thermfoam B1 is permissible. General instruction with regard to gluing: Do not apply adhesive to the panel joints. Do not create an insulation panel joint over a joint in the substrate underneath.

### REINFORCEMENT:

After a sufficient setting time of the adhesive, apply the mixed, system-specific reinforcing mortar evenly to the insulation panels, preferably with a 10 mm toothed trowel. Embed the system-specific Glasfaser-Gittermatte (glass fibre mesh), overlap the edges by 10 cm and fill wet-in-wet with system-specific reinforcing mortar. The system-specific Glasfaser-Gittermatte should be embedded in the middle (layer thicknesses up to 6 mm) or in the upper third (layer thicknesses from 6 mm). Thickness of the reinforcement layer should be approx. 3 - 15 mm.

## 5. PACKAGING / TECHNICAL DATA

Panel thickness [mm]	edge	m <sup>2</sup> per bundle	Pieces per unit
20*	square	8.00	16

### PACKAGING / TECHNICAL DATA ADDITIONAL INFORMATION:

\* Delivery in bundles only with at least one other pallet of insulation boards. Other thicknesses on request.

## 6. STORAGE

max. storage time	Storage conditions
no maximum storage time	dry protected from heat and direct sun.

## 7. DISPOSAL

### EC WASTE CODE:

Waste code: 17 06 04

## 8. SAFETY INSTRUCTIONS

No particular indications.

The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release the purchaser and processor from the obligation to convince themselves of the suitability of our products for the intended application with due care, which is general practice in trade and crafts. The general rules of construction technology must be observed. We reserve the right to make modifications to improve the product or its application. This edition supersedes all earlier editions.