



## TECHNICAL DATA SHEET

# KEIM ISO-TOP THERMFOAM B1

## 1. PRODUCT DESCRIPTION

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Iso-Top Thermfoam B1 is a ready-to-use, self-expanding, one-component polyurethane foam.

## 2. FIELD OF APPLICATION

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Iso-Top Thermfoam B1 is especially suitable for foaming unavoidable joints with max. 5 mm width between polystyrene rigid foam boards or mineral wool boards in the facade area as well as for bonding EPS insulation boards against each other in the area of external corners from 240 mm insulation thickness.

## 3. PRODUCT PROPERTIES

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- Very high foam yield (yield)
- ready to use
- one-component
- good heat insulation
- temperature resistance from -40 °C up to +90 °C
- HBCD-free (with new flame retardant)
- fire behaviour: hardly inflammable B1 according to 4102
- especially stable in dimension
- no decrease in volume
- low post-elongation

### MATERIAL CHARACTERISTICS:

- Colour shade: blue

## 4. APPLICATION INSTRUCTIONS

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### SUBSTRATE PREPARATION:

The substrate must be strong, dry, clean, sound and free from adhesion-reducing residues.

### 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.

### CONSUMPTION:

High yield: approx. 43 l Foam yield

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### APPLICATION:

Ambient and substrate temperature during application and drying from  $\geq 5\text{ }^{\circ}\text{C}$  to  $\leq 30\text{ }^{\circ}\text{C}$ . Do not apply in direct sunlight or on sun-heated substrates. Protect surfaces from direct sun, wind and rain during and after application. Optimum can temperature  $+20\text{ }^{\circ}\text{C}$ , minimum  $+5\text{ }^{\circ}\text{C}$ . Do not heat the can above  $+50\text{ }^{\circ}\text{C}$ .

Iso-Top Thermfoam B1 apply with the appropriate Iso-Top Gun installation gun. This enables precise and economical dosing. Shake can vigorously and thoroughly at least 30 times before each use! Remove the cap and screw it onto the assembly gun as described in the operating instructions. Do not use force to tear it loose from the gun adapter. Leave the can screwed onto the gun until it is completely empty. Then screw on a new can immediately. Foam joints must be filled from the deepest point.

## 5. DELIVERY FORM

Product name	Pieces per unit	Inhalt je VE	Type of container
Iso-Top Thermfoam B1	12	12 x 750 ml/Dose	carton
Iso-Top Gun	1		piece
Iso-Top Cleaner	1		piece

### DELIVERY FORM ADDITIONAL INFORMATION

Only supplied by the carton; use the outer cartons for recycling.

## 6. STORAGE

max. storage time	Storage conditions
12 months	cool dry protected from heat and direct sun. standing upright

### STORAGE INFORMATION

Expiry date see bottom of can.

## 7. DISPOSAL

### EC WASTE CODE:

Waste code: 08 04 09\* Only supplied by the carton; use the outer cartons for recycling.

## 8. SAFETY INSTRUCTIONS

From 24 August 2023, safety training is required before commercial or industrial use.

Never store the filling foam in the interior of a car! Only transport it secured in the boot. Contains isocyanates. Follow the manufacturer's instructions. Container is under pressure. Protect from sunlight and temperatures above  $50\text{ }^{\circ}\text{C}$ . Do not open by force or burn, even after use. Do not spray on a flame or glowing object. Keep away from sources of ignition – do not smoke. Keep out of the reach of children. Formation of explosive mixtures possible without adequate ventilation. Take appropriate measures to protect surfaces not to be treated. Protect eyes and skin from splashes.

Please, refer to the Material Safety Data Sheet.

### GISCODE:

– GIS code:

PU 80

### 9. GENERAL INFORMATION

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Not suitable for the formation of elastic connection and sealing joints as well as building movement joints. Not UV-resistant. The cured foam can only be removed mechanically.

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.