

## KEIM iPor-Mineraldämmplatte (Mineral insulating panel)



### 1. Product description

Purely mineral, hydrophilic, non-flammable insulating panel on the basis of quartz powder and lime hydrate, acc. to approval ETA-05/0179.

### 2. Field of application

Insulating panel for iPor interior insulation on masonry and concrete.

### 3. Product properties

Rated value of thermal conductivity:	0.042 W/mK
Pressure resistance:	at least 150 kPa
Tear resistance:	> 0.085 N/mm <sup>2</sup>
Water vapour diffusion resistance coefficient $\mu$ :	3/7
Gross density:	approx. 100 kg/m <sup>3</sup>
Non-flammable according to DIN 4102 A1	
Dimensional stability in relation to thickness:	$\pm 2$ mm
to length/width:	$\pm 2$ mm

Hydrophilic, capillary active, free of fibre and plastic, biologically recommended

### 4. Application instructions

#### Substrate preparation

The substrate must be clean, dry, even, sound and free of adhesion-diminishing residues. The substrate must be suitable for tensile adhesion. Substrates containing gypsum as well as vapour-impermeable coatings, wallpapers or similar must be removed.

#### Application

The iPor mineral insulating panels are closely joined and glued in groups. Before application of the adhesive, the insulating panels are primed with KEIM Mycal-Fix.

KEIM Mycal-Por is then applied wet-on-wet over the full surface with a toothed trowel by means of the notched trowel method onto the freshly primed panels or substrate. The vertical and horizontal joints remain free of adhesive. Press the panels onto the substrate applying light pressure and float into place. Damaged

iPor panels may not be installed. Cutting to size can be performed with a fine saw. For the reduction of thermal bridging effects in the ceiling and wall connecting areas, insulating wedges made of calcium silicate can be installed. Special calcium silicate soffit panels are available for the soffits.

### 5. Packaging

Panel format:	580 x 380 mm
Panel thickness:	50-60-80-100-120 mm
Edge working:	blunt
	Further Thicknesses on request.

#### Mycal-CS-insulation wedge/30-8

Format:	1250 x 500 mm
Panel thickness:	30 - 8 mm
Edge working:	blunt

#### Mycal-CS-soffit panel

Panel format:	250 x 500 mm
Panel thickness:	15 mm
Edge working:	blunt

### 6. Storage

Dry on pallet. Protect iPor-panels, CS-insulation wedges and CS-soffit panels from moisture.

### 7. Hazardous substances ordinance class

n/a

### 8. Transport hazard class

n/a

### 9. Disposal

EC Waste Code No. 17 06 04



## 10. Safety instructions

n/a

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 those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.

