

Technical data Sheet

June 2013.

## KI H1 eco

Anchors for thermal insulation in contact facade systems (ETICS)



Basic Standard for the product

### Description of product

**KI H1 eco** is a hammer-in anchor with a plastic part for installation and a steel nail with zinc. It is designed for additional fitting of thermal insulation boards in ETICS systems if the wall construction is made of concrete, solid or perforated brick, clay blocks and similar materials. Anchorage depth: min 25 mm. Washer diameter is 60mm.

**ETA-11/0192**  
(tested according to ÖNORM B6124)

### Dimensions and packaging

Product name and length (mm)	Recommended insulation thickness (mm)		Packaging (pieces)	Palette (pieces)
	<sup>1</sup> new building	<sup>2</sup> renovation		
KI H1 eco 095	60	40	100	5,000
KI H1 eco 115	80	60	100	4,000
KI H1 eco 135	100	80	100	4,000
KI H1 eco 155	120	100	100	3,000
KI H1 eco 175	140	120	100	3,000
KI H1 eco 195	160	140	100	3,000
KI H1 eco 215	180	160	100	3,000
KI H1 eco 235	200	180	100	2,000
KI H1 eco 255	220	200	100	2,000
KI H1 eco 275	240	220	100	2,000
KI H1 eco 295	260	240	100	2,000

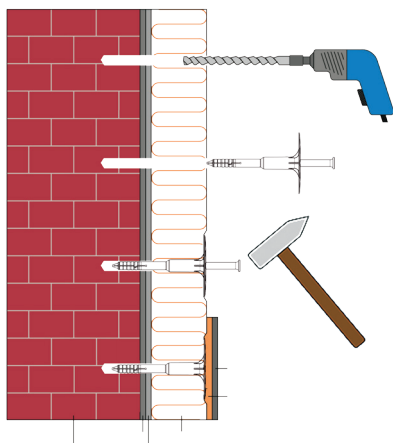
<sup>1</sup>10 mm adhesive thickness    <sup>2</sup>10 mm of adhesive and 20 mm of old render

## Technical characteristics of KI H1 eco

Characteristics	Unit of measure	Nominal value
Thermal conductivity $\lambda_{10, dry}$	( W/mK )	0.001
Minimum anchorage depth	( mm )	25
Washer diameter	( mm )	60
Temperature of application	( °C )	min +5 °C
Standard - conformity		ETA -11/0192

## Installation

Information about the necessary number of anchors and their position depends on the used insulation material, position and height of the building and it is prescribed by the manufacturer of contact facade systems. Recommended insulation thickness values apply to new buildings while for existing buildings it is necessary to take into consideration and include the thickness of existing layers on the facade. Anchors are hammered-in in the previously drilled holes.



## Packaging and storage

They are packaged in boxes (100 pieces). Keep the boxes packaged in a pallet in a dry place and protect against humidity and intensive UV radiation. They can be stored indoors for an unlimited period of time.

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