

Number	20-004059-PR02 (NW-K05-06-en-01)
Owner	Hilti Entwicklungsgesellschaft mbH Hiltistr. 6 86916 Kaufering Germany
Product	One compound foam
Designation	CF-I 65 ECO
Details	Material Polyurethane (PU) foam, based on 4,4'-diphenylmethandiisocyanate, isomer and homologue; Blowing agent Dimethylether, propan, isobutane and butan; Colour Manila; Dimension (W x L) in mm 500 x 500; Thickness in mm app. 50 (single board app. 25); density in kg / m <sup>3</sup> app. 14 – 16
Conditioning	Samples were pre conditioned at 70°C for 21 days. The samples were then conditioned at 23 °C and 50 % RH.
Special features	Multiple samples were stapled to get the thickness of the sample. The samples have uneven surfaces due to the manufacturing process.

## Result

Thermal conductivity (mean value) according to EN 17333-5:2020-03



$$\lambda = 0.035 \text{ W/(m} \cdot \text{K)}$$

\* The thermal conductivity was determined at a mean temperature of 10°C.

## Basis \*)

EN 17333-5:2020-03  
EN 12667:2001-01

\*) and corresponding national versions (e.g. DIN EN)

Test report: 20-004059-PR02 PB-K05-06-de-01

## Representation



## Instructions for use

The results obtained can be used as evidence in accordance with the above basis.

## Validity

There is no time limit. When using this document the up-to-dateness of above basis and the conformity of the product have to be observed.

The data and results given relate solely to the tested/described specimen. This test/evaluation does not allow any statement to be made on further characteristics of the present structure regarding performance and quality.

## Notes on publication

The ift-Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

ift Rosenheim

26.02.2021


Konrad Huber, Dipl.-Ing. (FH)  
Head of Testing Department  
Building Physics

Stefan Junker, Dipl.-Ing. (FH)  
Operating Testing Officer  
Building Physics

Identity-Check


[www.ift-rosenheim.de/ift-geprueft](http://www.ift-rosenheim.de/ift-geprueft)  
ID: 417-45AD8