

Number	20-004059-PR04 (NW-K05-06-en-01)
Owner	Hilti Entwicklungsgesellschaft mbH Hiltistr. 6 86916 Kaufering Germany
Product	One compound foam
Designation	CF I 500
Details	Material Polyurethane (PU) foam, based on 4,4'-diphenylmethandiisocyanate, isomer and homologue; Blowing agent Dimethylether, propan, isobutane and butan; Colour Grey; Dimension (W x L) in mm 500 x 500; Thickness in mm app. 50 (single board app. 25); density in kg / m ³ app. 13 – 15
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



$$\lambda = 0.036 \text{ W/(m} \cdot \text{K)}$$

* 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)

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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.

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