

Numerical analysis of the thermal behaviour of Gorter RHTEP-0700-1400 roof hatch

Using EN ISO 10077: Thermal performance of windows, doors and shutters -
Calculation of thermal transmittance

- Part 1 (ISO 10077-1:2006/Cor.1:2009): General
- Part 2 (ISO 10077-2:2012): Numerical method for frames

SUMMARY

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3.2. Results of the analysis

Thermal transmittance of the hatch:

$$U_w = 0,198 \text{ W/m}^2\text{K}$$

Thermal resistance of the hatch:

$$R_w = 5,061 \text{ m}^2\text{K/W}$$

Budapest, 19th of January, 2018

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