

Numerical analysis of the thermal behaviour of Gorter RHTG-1000-1500 roof hatch

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

- Part 1 (ISO 10077-1:2017): General
- Part 2 (ISO 10077-2:2017): Numerical method for frames

SUMMARY

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4.3. Results of the analysis

Thermal transmittance of the hatch:

$$U_w = 0,833 \text{ W/m}^2\text{K}$$

Thermal resistance of the hatch:

$$R_w = 1,200 \text{ m}^2\text{K/W}$$

Budapest, 31 October 2018

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