

Number	20-001543-PR02 (NW-E01-06-en-01)
Owner	ALUMIL S.A. Industrial Area 61100 Kilkis Greece
Product	Roller shutter box
Designation	Roller shutter box (225 mm x 220 mm)
Details	Material Aluminium alloy; Surface treatment anodised – painted – powder coated; Dimension (W x H) in mm 225 x 220; Projected width in mm 220; Thermal break; Material Polyamide 6.6 with 25% glass fibre; Length of bars in mm 38; Thickness of bars in mm 2.0; Inlay material; User specific – Foam sheet „Insul Roll XT“ / Monopoly Neopor EPS 80; Thermal conductivity in W/(m K) 0.037 / 0.030; Air cavity in the shutter box; Slightly ventilated ( $e_{tot} \leq 35$ mm); Outlet slit; Width $e_{tot}$ in mm 29; Sealant system Brush seals, internal and external; Replacement panel; Material adiabatic / timber (500 kg/m <sup>3</sup> ); Thickness in mm 60 / 70; Position, length $l_{fr}$ in mm 0

Special features

## Result

Calculation of thermal transmittance (Radiosity-Method) according to EN ISO 10077-2:2017-07



$$U_{sb} = 1.4 \text{ W/(m}^2\text{K)}$$

Calculation of temperature factor according to EN ISO 13788:2012-12



$$f_{Rsi} = 0.68$$

ift Rosenheim  
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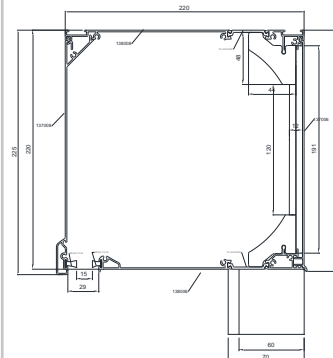
## Basis \*)

EN ISO 10077-2:2017-07  
EN ISO 10077-2:2012-02  
EN ISO 13788:2012-12

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

Test report: 20-001543-PR02 (PB-E01-06-en-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. The cover sheet can be used as abstract.

## Identity-Check



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