

Number	23-001107-PR01 (NW -01-E01-06-en-01)
Owner	ROLKA A.B.E.E. 3 KM P.E.O. Katerinhs Thessalonikis T.TH. 148 60100 Korinos Pierias Greece
Product	Roller shutter box - metal
Designation	Shipping name: THERMO BOX 145X195
Details	Material Aluminium alloy - anodised - painted - powder coated; Overall dimensions (W x H) 145 mm x 195 mm; Projected width 145 mm; Inlay material User specific – „Monopoly Graphite EPS 80“; Thermal break: Material Low Lambda PA 66 GF25; Surface treatment of profile anodised - painted - powder coated; Length of bars 24 mm; Thickness of bars 2.2 mm; Air cavity in the shutter box; Slightly ventilated ($e_{tot} \leq 35$ mm); Outlet slit; Width e_{tot} in mm 35 (18); Sealant system Brush seals, internal and external; Replacement panel; Material adiabatic / timber (500 kg/m^3); Thickness in mm 60 / 70; Position, length l_r in mm 16

Special features

Result

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



$$U_{sb} = 1.8 \text{ W/(m}^2\text{K)}$$

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



$$fR_{si} = 0.66$$

ift Rosenheim

28.03.2023



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Basis *)

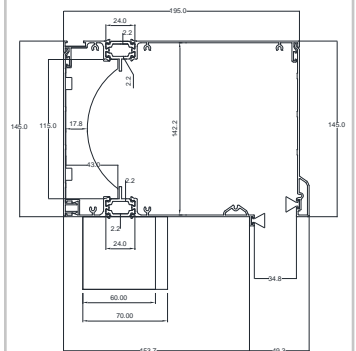
EN ISO 10077-2:2017-07

EN ISO 13788:2012-12

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

Test report: 23-001107-PR01 (PB -01-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 detailed results given relate solely to the tested/described specimen.

This test does not allow any statement to be made on further characteristics of the present structure regarding performance and quality, in particular the effects of weathering and ageing.

Notes on publication

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

Identity-Check



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