

Determination of heat transfer properties in the guarded hot plate apparatus

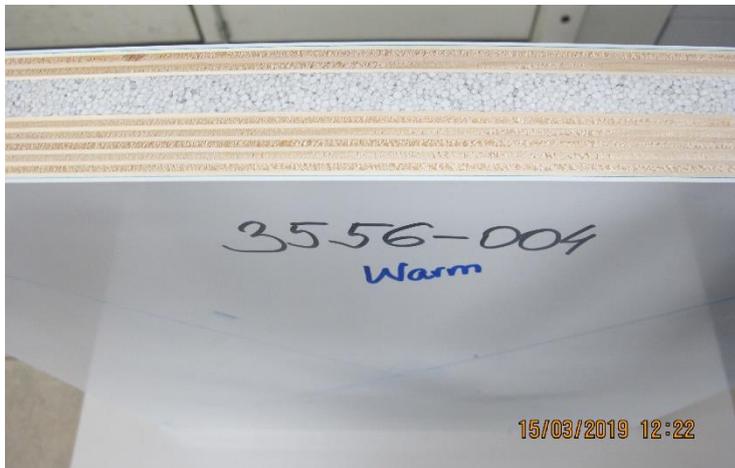
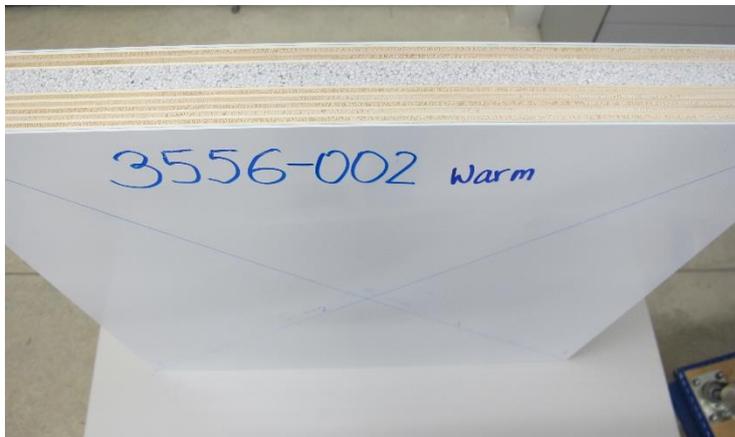
Test report

Test object	Thermal insulation substructure element for balcony doors
Type, model	Substructure element
Customer	Frinorm AG Wärmedämmelemente Föhrenweg 12 FL-9496 Balzers
Date	23.04.2019
Test report No	73FE-009598-L-01-PB-02
Contract No	L.009598-10-73FE-01
Validity	This test report shall cease to be valid as soon as the design or materials of the test object or its components change. The first two pages of this test report may be used as an abridged version
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1 Summary of the results

1.1 Test object

Type:	substructure element for balcony doors	
Construction:	Hard PVC plate, d = 1.5 mm Poplar plywood IW67, d = 24 mm EPS perimeter 30 kg / m ³ , d = 16 mm Poplar plywood IW67, d = 12 mm Hard PVC plate, d = 1.5mm	
Mass specimen #3556-002:	500 mm x 500 mm x 55.4 mm	weight: 5.25 kg
Mass specimen #3556-004:	500 mm x 500 mm x 55.6 mm	weight: 5.24 kg



1.2 Overview and results of the tests performed

Testing standards: SN EN 12667 (2001); SIA 279 (2011); SN EN 10077-2 (2017)

Thermal resistance R_{tot}	0.80 [m ² K/W]
U-Value	1.0 [W/m ² K]

The measurement was carried out in the delivery condition.

This document is the translation of the original document "German".