# Evidence of Performance

## Calibration of a test rig to determine joint permeability, watertightness and wind load

No. 19-003074-PR01
(Kal. B-M01-KA12-en-01)

ROSENHEIM

**Client**

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2. Organize Sanayi Bölgesi
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81600 Beyköy - Düzce
Turkey

**Product**

Window and facade test rig

Designation: Machine number 12-000825, Year of construction 2012

ift- number: 26263

Measuring interval:

| | |
| --- | --- |
| Air pressure: | -10000...-40; +40...+10000 Pa |
| Air flow rate: | -820...-0.5; +0.5...+820 m³/h i.N. |
| Deflection: | 0...+90 mm |
| Water flow rate: | 2.5...275 l/min |

Test wall:

| Clamping area: | window | facade |
| --- | --- | --- |
| width: | 4000 mm | 12000 mm |
| height: | 3800 mm | 12500 mm |

Special features: ---

**Result**

**The requirements are fulfilled:**

**Pressure and flow system** according to EN 1026, EN 1027, EN 12211, EN 12153, EN 12155 and EN 12179
The specified exp. measurement uncertainty and accuracy*) of ≤ ± 5 % of measured value is fulfilled.

**Displacement transducer** according to EN 12179 and EN 12211
The specified accuracy*) of ≤ ± 0.1 mm and ≤ ± 5 % of measured value is fulfilled.

**Water flow/volume for watertightness test** according to EN 1027 and EN 12155
The specified accuracy*) of ≤ ± 10 % of measured value is fulfilled.

*) „Accuracy"=Deviation + expanded measurement uncertainty

**ift** Rosenheim

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**Basis** *)

EN 13830:2003-09
EN 14351-1:2006+A2:2016-09ift-KAL 2495-2 KA
Durchfluss Luft 2015-03
ift-KAL 2991 KA Länge 2012-09
ift-KAL 3231 KA
Durchfluss Wasser 2013-05
PTB-Richtlinie DKD-R 6-1 rev2 2014-03

*) Correspondi's to the national standard/s (e.g. DIN EN)

**Representation**

**Instructions for use**

This calibration record can be used as evidence of suitability of the test installations in accordance with the above basis.

**Validity**

The data and results given relate solely to the tested and described test equipment.

Date of calibration:
07.08.2019

Recommended re-calibration:
07.11.2020

**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.

**Contents**

The report contains a total of 1 page/s including the calibration certificates listed in the following Annex

1 Cal. of pressure transducer
2 Cal. of air flow sensor
3 Cal. of displacement transducer
4 Cal. of water flow sensor

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Prüfung und Kalibrierung – EN ISO/IEC 17025
Inspektion – EN ISO/IEC 17020
Zertifizierung Produkte – EN ISO/IEC 17065
Zertifizierung Managementsysteme – EN ISO/IEC 17021

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