Component Test

Air permeability and watertightness of a joint filling system for connecting joints between window and wall in new condition (immediately after installation) and after simulated short-term exposure to repeated cycles.

Test Report 105 34243/1e

Client	**ROBITEX GROUP** Mojayskoe shosse 25 RUS-121471 Moscow
Product / component	Sealing system between window and wall
Designation	Sealing: internal on sides and at top: ① ROBIBAND VS (Variant 1) ROBIBAND VM (Variant 2) in spandrel area: ② ROBIBAND PB external continuous: ③ ROBIBAND NL Tape overlaps joints and the adhesive joint with the building fabric additionally sealed with acrylate-based sealer
Mounting position and general installation conditions	Rendered lime sand brickwork with flush reveal. Plastic window with steel reinforcement in the casement and window frame. Fixing to structure: perimeter-fixed to wall with frame screws (without dowel), fastener spacing ≤ 700 mm. Joint on the room side sealed between window frame and unplastered wall reveal; on the outside between the window frame and rendered brickwork. Installation/processing in accordance with client's instructions.
Field of application	Joint sealing system between external wall and window and/or equivalent casement doors in white hollow PVC profile construction, as described above, for internal air tightness and external watertightness.
Special features	For the purpose of testing, the test rig did not include a thermal insulating system, an aluminium window sill, plaster finish on the inside reveal or any joint insulation.

Results *)

Air permeability at up to ± 1,000 Pa, in new condition	a < 0.1 m³/(m h daPa$^{2/3}$)
Simulated short-term exposures (changes in temperature, wind, operation)	Visually no adverse effect on the connecting joints
Air permeability at up to ± 1,000 Pa, after simulated short-term exposures	a < 0.1 m³/(m h daPa$^{2/3}$)
Watertightness at up to 600 Pa, after simulated short-term exposures	no water penetration

*) For detailed results see test report, Section 3

ift Rosenheim
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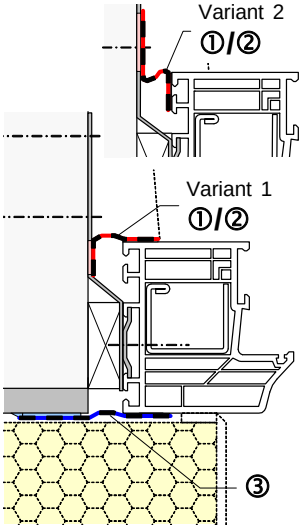
Basis

ift-Guideline MO-01/1 : 2007-01 Wall connection of windows, Part 1: Method to determine the suitability of use of sealing systems, section 5, Test of joint characteristics

Representation



Instructions for use

This test report serves to demonstrate the above-mentioned characteristics.

Validity

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

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 test report comprises a total of 23 pages

1 Object
2 Procedure
3 Detailed results
4 Annex

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