

Component Test

Joint characteristics of a sealing system between window and building structure in new condition and after a series of simulated short-time exposure



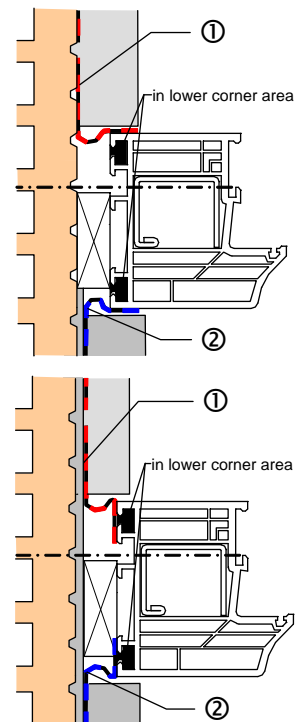
Test report 11-000079-PR01
(PB-E03-02-en-03)

Client	SIGA Services AG Rüt mattstrasse 7 6017 Ruswil Schweiz erland
Product/ Component	Sealing system between window and building structure
Designation	① SIGA-Fentrim [®] 20 (white, internal seal) ② SIGA-Fentrim [®] 2 (black, external seal)
Built situation General conditions	Hollow block masonry with square reveal. Plastic window with steel reinforcement. Sides fixed to building structure, fixing centres spaced at ≤ 700 mm. Load accommodation at window plane through setting blocks. Internal seal around perimeter using joint glazing tape SIGA-Fentrim [®] 20 with adhesive contact over the entire surface between frame member and unrendered or rendered masonry reveal. External seal around perimeter using joint glazing tape SIGA-Fentrim [®] 2 with adhesive contact over the entire surface between frame member and rendered masonry reveal. At bottom aluminium window sill with non-watertight aluminium end caps. Processing as specified by client
Scope	Airtight internal and watertight external joint between external wall and window and/or casement doors composed of white PVC hollow chamber profile sections of equivalent make/design, as described above.
Special features	-/-

Basis

ift Guideline MO-01/1 : 2007-01
Wall connection of windows,
Part 1: Determination of the suitability of use of sealing systems, Clause 5, Testing joint characteristics
Test report 11-000079-PR01
(PB-E03-02-de-03) dated
25 May 2012

Representation



Results *)

Air permeability up to ± 1,000 Pa, in new condition	$a < 0.1 \text{ m}^3/(\text{m h daPa}^{2/3})$
Watertightness up to 600 Pa, in new condition	no water leakage
Air permeability up to ± 1000 Pa, following simulated short-time exposure (temperature, wind, use)	$a < 0.1 \text{ m}^3/(\text{m h daPa}^{2/3})$
Watertightness up to 600 Pa, following simulated short-time exposure (temperature, wind, use)	no water leakage



*)For detailed results refer to test report, Section 3

ift Rosenheim
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Instructions for use

This test report serves to demonstrate the above properties.

Validity

The data and results given relate solely to the tested and described 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 an abstract.

Contents

The report comprises a total of 19 pages.



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