



SHORT REPORT NO. 2021-01-0414-K9

Version 1.en

Watertightness test of insulation board screw IPSZ-H made of die-cast zinc with drill tip for quick direct installation in rendered, ETICS-insulated facades based on DIN EN 1027 : 2016-09 „Windows and doors – water tightness – Test method“.

Applicant	CELO Befestigungssysteme GmbH Industriestraße 6 86551 Aichach, Germany
Type	Insulation screw IPSZ-H made of die-cast zinc with drill tip for quick direct installation, for example, of non-pre-drilled / non-pre-punched as well as pre-drilled / pre-punched wall connection profiles in rendered ETICS-insulated facades
Product designation	insulation screw IPSZ-H 55 insulation screw IPSZ 80
Seals	Integrated unbonded EPDM sealing ring located at the shaft under the screwhead, which presses against the surface of the wall connection profile when installed and thus ensures sealing against water
Evaluation	According to test report No. 2021-01-0414-B6

<p>Watertightness based on EN 1027 Method 1A (exposed installation)</p> <p>IPSZ-H 55; IPSZ 80 installed through a non-pre-drilled standard wall connection profile made of aluminium, which was additionally sealed against the rendered ETICS surface</p> <p>The evaluation can be transferred to pre-drilled / pre-punched wall connection profiles with a hole diameter $D = \max. 8 \text{ mm}$.</p> <p style="text-align: center;">Watertight up to and including 600 Pa (corresponds to wind force 11 according to the Beaufort scale (Bft))</p>

Measurement uncertainties were not included in the classification.

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Head of Test Body

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Responsible Official

This document was written in German and translated into English. In case of discrepancies between the two language versions, the German version shall prevail.

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