Prüfzentrum für Bauelemente
Dipl.-Ing. (FH) Rüdiger Müller

Fenster · windows
Rollläden · shutters
Türen + Tore · doors
Fassaden · curtain walling
Baubeschläge · building hardware

SHORT REPORT No. 2021-01-0414-K2

Version 3.en

Watertightness test of insulation board screw IPS-H as well as the insulation board screw plug IPSD-H for fast direct mounting 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 IPS-H and insulation screw plug IPSD-H both made of plastic, for fast direct mounting, for example of a wall connection profile, in rendered ETICS-insulated facades

Product designation
insulation screw IPS-H
insulation screw IPS 80
insulation screw plug IPSD-H
insulation screw plug IPSD 80

Seals
Integrated unbonded EPDM sealing ring located at the shaft under the screwhead of the IPS-H, which presses against the surface of the wall connection profile when installed and thus ensures sealing against water.

Sealing of the IPSD-H takes place in combination with the necessary plumber's screw and its integrated sealing disc, which presses against the surface of the wall connection profile when installed and thus ensures sealing against water.

Test result
According to test report No. 2021-01-0414-B2
See attachment of this short report

signiert von: Christoph Geiger
am: 20.10.2022
mit: digiSeal® by secrypt

Dipl.-Ing. (FH) Christoph Geiger
Deputy Head of Notified Test Body

Stephanskirchen
20.10.2022

signiert von: Cornelius Würfel
am: 20.10.2022
mit: digiSeal® by secrypt

Cornelius Würfel B.Eng.
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.

Short report No. 2021-01-0414-K2 dated 20.10.2022, Version 3.en
CELO Befestigungssysteme GmbH, 86551, 86551 Aichach, Germany

Test result according to test report No. 2021-01-0414-B2

Watertightness based on EN 1027 Method 1A (exposed installation)

IPS-H; IPS 80
installed through the 8 mm hole of a standard wall connection profile, which was additionally sealed against the rendered ETICS surface.

IPSD-H; IPSD 80
installed in combination with a plumber screw through the 8 mm hole of a standard wall connection profile, which was additionally sealed against the rendered ETICS surface.

Watertight up to and including 600 Pa
(corresponds to wind force 11 according to the Beaufort scale (Bft))

Measurement uncertainties were not included in the evaluation.