



Prüfzentrum für Bauelemente

Dipl.-Ing. (FH) Rüdiger Müller

Fenster • windows
 Rollläden • shutters
 Türen + Tore • doors
 Fassaden • curtain walling
 Baubeschläge • building hardware
 Version 1.en

SHORT REPORT No. 2021-01-0414-K1

Watertightness test of ResiTHERM® distance mounting system with thermal insulation for heavy duty fixing to ETICS façades based on DIN EN 1027: 2016-09 “Windows and doors – Watertightness – Test method”

Applicant CELO Befestigungssysteme GmbH
 Industriestraße 6
 86551 Aichach

Type Distance mounting system with thermal insulation for heavy duty fastening to ETICS insulated façades

Product designation **ResiTHERM® 16 Distance mounting system**
ResiTHERM® 12 Distance mounting system

Seals Integrated EPDM seal, bonded to the backside of the ResiTHERM® cover plate which pushes against the rendered surface when installed and this way ensures the sealing action.


Test result

According to test report No. 2021-01-0414-B1
 Watertightness based on EN 1027 Method 1A
 (exposed installation position)

ResiTHERM®
 mounted with 1.5 mm distance of cover plate bottom side to rendered ETICS surface. During test, statically deflected downwards by 3 mm.
 The test was conducted on scraped plaster, grain size K3:

Watertightness up to including 600 Pa
 (corresponds to wind force 11)

Measurement inaccuracies were not included in the evaluation.


 Dipl.-Ing. Matthias Demmel
 Head of Testing Department




 Dipl.-Ing. (FH) Christoph Geiger
 Responsible Official