

TEST REPORT
No.: P.8-30-2014

Determination of short term water absorption by
partial immersion – EN 1609

Applicant: L'ISOLANTE K-FLEX S.p.A., 20877 Roncello (MB)
Italy

Material: K-FLEX ST

Material-identification: Sheet made of flexible elastomeric foam according to EN 14304:2009+A1:2013
The colour of the product is black.
Nominal thickness: 19 mm

Sampling: Sent by applicant
FIW entry no: 9631

Procedure:

Determination of the short term water absorption by partial immersion according to EN 1609 method A. 4 test specimens with the nominal thickness and the dimension of 200 mm x 200 mm were 10 mm under water for 24 hours.

Results:

| test specimens | 1 | 2 | 3 | 4 |
|----------------------------|-------|-------|-------|-------|
| length in mm | 199,8 | 199,9 | 200,0 | 199,8 |
| width in mm | 199,2 | 199,2 | 199,8 | 199,3 |
| thickness in mm | 19,7 | 19,8 | 19,6 | 19,7 |
| initial mass in g | 38,49 | 40,15 | 39,87 | 39,33 |
| mass after submersion in g | 39,23 | 41,06 | 40,53 | 39,85 |
| percent by volume in % | 0,1 | 0,1 | 0,1 | 0,1 |
| mean value | 0,1 | | | |

Remarks:

Gräfelfing, October 30th, 2014

Department Specialist


Dipl.-Ing. Ralph Alberti



Tester


Sidonia Tana

Test results only refer to test objects.

The prior written consent of our Institute is required for any publication or reference concerning parts of this report.

Forschungsinstitut für Wärmeschutz e. V. München
Lochhamer Schlag 4 · 82166 Gräfelfing

Telefon +49 (0)89 8 58 00 -0 · Telefax +49 (0)89 8 58 00 - 40
info@fiw-muenchen.de · www.fiw-muenchen.de