

TEST REPORT
No.: L2.6-3/10

Water Absorption by Submersion according to ASTM C209

Applicant: L' ISOLANTE K-FLEX S.r.L
Roncello (MI)/Italy

Material: K-Flex ST

Material identification: Flexible elastomeric cellular thermal insulation sheet
Colour: black
Thickness: 19 mm

Sampling: The samples were delivered to the FIW München
FIW entry no: 2370.

Procedure: The 3 specimens with dimension 305 mm x 305 mm were cut from the samples and conditioned at 23 ± 2 °C and 50 ± 5 % until constant weight.
The submersion of the specimens was horizontally under 25 mm water for 2 hours. The draining time was 10 minutes and after this time the rest of the surface water was removed with paper towel.

Results:

test specimens	1	2	3
length in mm	307	308	307
wide in mm	308	308	308
thickness in mm	19,0	19,4	19,3
initial mass in g	110	112	112
mass after submersion in g	112	113	113
percent by volume in %	0,1	0,1	0,1

Remarks: ---

Gräfelfing, 22.04.2010

Department Specialist



Dipl.-Ing. Ralph Alberti



Tester



Sidonia Tana