

TEST REPORT
No.: P.8-1-2015

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

Applicant: Thermaflex International Holding B.V., 5145 NS Waalwijk
Netherlands

Material: ThermaSmart Sheet

**Material-
identification:** Sheet made of polyethylene foam (PEF) according to EN 14313:2009+A1:2013
The colour of the product is black.
Nominal thickness: 25 mm

Sampling: By FIW München at the plant in Waalwijk on 12.11.2014
FIW entry no: 68

Procedure:

Determination of the short term water absorption by partial immersion according to EN 1609 method
B. 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	199,9	200,0
width in mm	199,2	199,2	199,8	199,0
thickness in mm	28,0	27,9	28,1	28,0
initial mass m_1 in g	43,52	43,06	42,94	42,77
mass after submersion in g	44,94	44,45	44,55	45,72
W_p in kg/m^2	0,04	0,03	0,04	0,07
mean value	0,05			

Remarks:

Gräfelfing, February 6th, 2015

Department Specialist


Dipl.-Ing. Ralph Alberti



Tester


Wolfgang Moosburger

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.

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