Qualitäts-Zertifikat

SPF Solartechnik Prüfung Forschung

Certificate Nr. 15278

Outgassing of thermal insulation materials in solar-thermal flatplate collectors with AR coated glass

Ordered by:
Saint-Gobain Isover G+H AG
Dr.-Albert-Reimann-Strasse 20
D-68526 Ladenburg

Represented by Mr. Dirk Ottstadt

Manufacturer:
Saint-Gobain Isover G+H AG
Dr.-Albert-Reimann-Strasse 20
D-68526 Ladenburg

Test sample:
U Solar Easy-Roll 2.5 V2

Description of the test sample:
Mineralwool
With black facing

Specific weight = 22.5 kg/m^3 **
= 25.0 kg/m^3 ***

Thickness approx. = 75 mm **

* = measured by SPF (not pressed)
** = measured by SPF (50 Pa)
*** = manufacturer information (50 Pa)

Picture of tested sample

Test conditions:
Test temperature: 200°C
with analysis of effect on antireflective coated glass

Delivery of sample:
17.9.2015

Validity of certificate:
24.9.2015 - 23.9.2018

Realisation of the test:
Start 17.9.2015 , according to test instruction, see www.spf.ch

Evaluation:
Sample 1 = v**1** / t**2**
Sample 2 = v**2** / t**3** Therefore, the sample has successfully passed the test.

Limitation of liability:
Our GTC apply, see www.spf.ch/docu/en/

Rapperswil, 24.9.2015 Felix Flückiger

Institut für Solartechnik SPF, Hochschule Rapperswil HSR, CH-8640 Rapperswil, www.spf.ch