

Certificate

Nr. 19312

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

Ordered by:

SAINT-GOBAIN ISOVER G+H AG
Bürgermeister-Grünzweig-Straße 1
67059 Ludwigshafen

Manufacturer:

Saint-Gobain ISOVER G+H AG
Industriestrasse 11
D-19386 Lütz

Represented by Mr. Jens Perner

Test sample:

U KPN 16 Sol EasyRoll BS Twin 1.0

Description of the test sample:

Mineralwool
No facing
specific weight = 13.6 kg/m³ *
thickness approx. = 70 mm *
bonding agent = 1% (weight) ***

* = measured by SPF (not pressed)

** = measured by SPF (50 Pa)

*** = manufacturer information (50 Pa)



Picture of tested sample

Test conditions:

Test temperature: 250°C
with analysis of effect on antireflective coated glass

Delivery of sample:

12.3.2019

Validity of certificate:

25.4.2019 - 24.4.2022

Realisation of the test:

Start 20.3.2019 , according to test instruction, see www.spf.ch

Evaluation:

Based on testreport **AusgBer_19312** from 4.4.2019

Sample 1 = v1 / t1

Sample 2 = v1 / t1 Therefore, the sample has successfully passed the test.

Limitation of liability:

Our GTC apply, see www.spf.ch/docu/en/

Rapperswil, 29.4.2019

Felix Flückiger