

Certificate

Nr. 11215

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

Ordered by:

Knauf Insulation d.o.o.
Trata 32
4220 Skofja Loka
Slovenia

Manufacturer:

Knauf Insulation d.o.o.
Industrijsko naselje Belo Polje bb
17530 Surdulica
Serbia

Represented by Mr. Tomaz Luznik

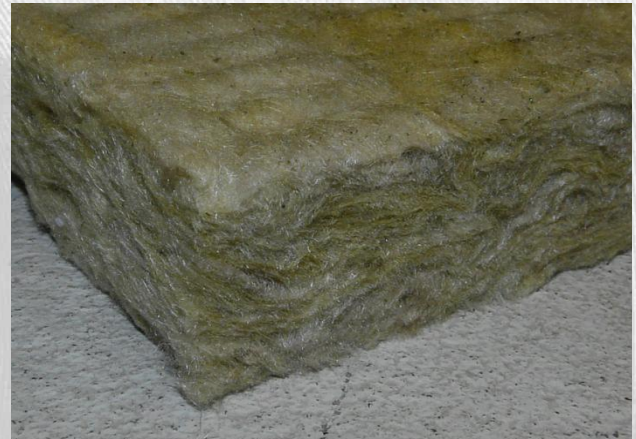
Test sample:

TSP Solar Board D5

Description of the test sample:

Mineralwool
no facing
Specific weight = 56 kg/m³ *
Thickness approx. = 32 mm *

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



Picture of tested sample

Test conditions:

Test temperature: 220°C
with analysis of effect on antireflective coated glass

Delivery of sample:

12.7.2011

Validity of certificate:

4.8.2011 - 3.8.2014

Realisation of the test:

Start 19.7.2011, according to test instruction, see www.solarenergy.ch

Evaluation:

Sample 1 = v1 / t2

Sample 2 = v1 / t2

Therefore, the sample has successfully passed the test.

Limitation of liability:

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

Rapperswil, 29.8.2011

Felix Flückiger