

Plasti Chemie Produktions GmbH
Falgardring 1
08223 Falkenstein
Deutschland

Test Report No. 59163-A002-AgBB-L

Test objective:	Evaluation according to AgBB scheme 2021
Article designation according to order:	Plastifloor 418 RAL 6003, Chipsbelag teilgechipst, R9 mit Chipsmischung C5
Date of report:	24/07/2024
Number of pages of report:	19
Testing / responsible laboratory:	eco- INSTITUT Germany GmbH, Köln
Test objective fulfilled:	✓

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‡ subcontracted, # outside accreditation

Sample View

Internal sample number (filled in by laboratory)

59163-A002

Photo of the test specimen: A002



Article designation according to order:

Plastifloor 418 RAL 6003, Chipsbelag teilgechipst, R9 mit
Chipsmischung C5

Sample/batch number according to order:

112-11-23-1, 418-03-24-2, 522-03-24-2

Type of sample:

Floor coating

Date of production:

22.05.2024

Sampling by:

Volkmar Lull, Plasti Chemie Produktions GmbH

Date of sampling:

22/05/2024

Location of sampling:

Falkenstein

Receipt of sample / Condition upon delivery:

23/04/2024 / without objection



Statement of conformity with AgBB 2021

The sample with the internal sample number 59163-A002 has been tested on behalf of **Plasti Chemie Produktions GmbH**. The article description according to the order is **Plastifloor 418 RAL 6003, Chipsbelag teilgechipst, R9 mit Chipsmischung C5**.

This evaluation is based on the test criteria of the scheme "Health-related Evaluation of Emissions of Volatile Organic Compounds (VVOC, VOC and SVOC) from Building Products" of the Committee for Health-Related Evaluation of Building Products (AgBB 2021).

The results documented in the test report were evaluated as follows.¹

Test parameter	Result	Requirement	Requirement hold [yes/no]
Emission analysis			
Measurement time: 3 days after test chamber loading			
Sum VOC (C6-C16) ¹⁾	0.078 mg/m ³	≤ 10 mg/m ³	yes
Carcinogenic substances, cat. 1A and 1B acc. to Regulation (EC) No. 1272/2008 (and TRGS 905) (per substance)	≤ 0.01 mg/m ³	≤ 0.01 mg/m ³	yes
Measurement time: 28 days after test chamber loading			
Sum VOC (C6-C16) including SVOC with LCI ¹⁾	0.066 mg/m ³	≤ 1.0 mg/m ³	yes
Sum SVOC without LCI (C16-C22) ¹⁾	< 0.005 mg/m ³	≤ 0.1 mg/m ³	yes
R-value (dimensionless)	0.10	≤ 1	yes
Sum VOC without LCI	< 0.005 mg/m ³	≤ 0.1 mg/m ³	yes
Carcinogenic substances, cat. 1A and 1B acc. to Regulation (EC) No. 1272/2008 (and TRGS 905) (per substance)	≤ 0.001 mg/m ³	≤ 0.001 mg/m ³	yes

¹ If a measurement result that slightly exceeds the specification is assessed as "not fulfilled", this is based on the agreement of the "shared risk of measurement uncertainty (shared risk approach)". According to this, the probability that the statement is correct is ≥ 50 %. Similarly, a result slightly below the specification value also only has a probability of ≥ 50 % of being compliant. I.e., the risk of making a false negative statement regarding the fulfilment of the specification is just as high as the risk of making a false positive statement (more information at https://www.eco-institut.de/en/2019/07/measurement_uncertainty/).



Summary statement of conformity with AgBB 2021

The sample with the internal sample number 59163-A002, article description according to order: **Plastifloor 418 RAL 6003, Chipsbelag teilgechipst, R9 mit Chipsmischung C5**, meets the emission requirements of the AgBB scheme.

Cologne, 24/07/2024

A handwritten signature in black ink, appearing to read 'M. Hiertz', written in a cursive style.

Manuel Hiertz,
(Project management)