

Statement of conformity with the criteria of DE-UZ 120

The sample with the internal sample no. 56504-A001 has been tested on behalf of REGUTEC a.s.. The article description according to the customer is V21-41 (V21-41-1).

This evaluation is based on the test criteria "Resilient Floor Coverings" - DE-UZ 120 (Issue: February 2011) of the Blue Angel of RAL gGmbH.

The results documented in the test report were evaluated as follows.²

Test parameter	Result	Requirement	Requirement hold [yes/no]
Emission analysis			
Measurement time: 3 days after test chamber loading			
Total organic compounds within the retention range of C6 to C16 (TVOC) ²⁾	280 µg/m³	≤ 1000 µg/m³	yes
Carcinogenic substance, Kat. 1A and 1B acc. to Regulation (EC) No. 1272/2008	< 1 µg/m³	≤ 10 µg/m³ (sum)	yes
Measurement time: 28 days after test chamber loading			
Total organic compounds within the retention range of C6 to C16 (TVOC)	100 µg/m³	≤ 300 µg/m³	yes
Total organic compounds within the retention range > C16 – C22 (TSVOC)	< 5 µg/m³	≤ 30 µg/m³	yes
Carcinogenic substance, Kat. 1A and 1B acc. to Regulation (EC) No. 1272/2008	< 1 µg/m³	≤ 1 µg/m³ (per substance)	yes
Sum VOC without LCI	80 µg/m³	≤ 100 µg/m³	yes
R value	0.06	≤ 1	yes
Formaldehyde	4 µg/m³	≤ 60 µg/m³ ¹⁾	yes

1) 60 µg/m³ = 0.05 ppm

2) for TVOC and TSVOC only substances ≥ 5 µg/m³ are considered

² 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 the criteria of DE-UZ 120

The sample with the internal sample no. 56504-A001, article description according to customer: V21-41 (V21-41-1), meets the emission requirements of DE-UZ 120.

Cologne, 17.08.2021

A handwritten signature in black ink, appearing to read "M.-A. Dobaj".

Marc-Anton Dobaj, M.Sc. Crystalline Mater
(Project Manager)