

ADLER-Werk Lackfabrik Johann Berghofer GmbH & Co KG
Bergwerkstraße 22
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Österreich

Test Report No. 60756-A001-M1-L

Test objective:	Proof of conformity with the M1 criteria
Article designation according to order:	Lignovit GLT Plus (Artikel-Nr. 5381000220)
Date of report:	26/03/2026
Number of pages of report:	21
Testing / responsible laboratory:	eco-INSTITUT Germany GmbH, Köln
Test objective fulfilled:	✓ Emission class M1
Note:	The test results in the report refer exclusively to the test sample submitted by the manufacturer. The report serves exclusively for submission to the awarding authority for the above-mentioned quality mark. The report is not permitted to be used in product and company advertising. Further information at www.eco-institut.de/en/advertising



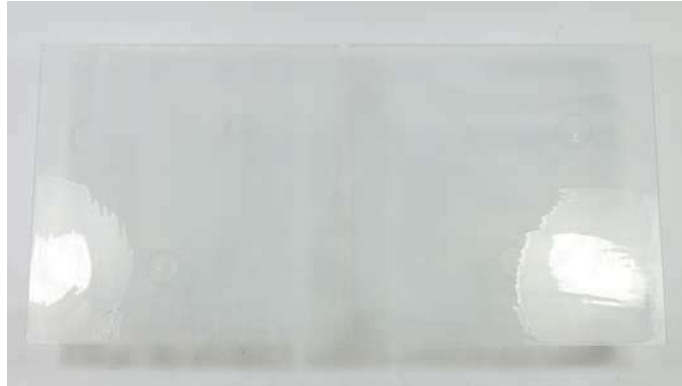
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Sample View

Internal sample number (filled in by laboratory) 60756-A001

Photo of the test specimen: A001



Article designation according to order:

Lignovit GLT Plus (Artikel-Nr. 5381000220)

Sample/batch number according to order:

40320-161901

Type of sample:

Wasserbasierte Mittelschichtlasur für den Innenbereich

Date of production:

05/02/2026

Sampling by:

Peter Passler, M. Sc.

Date of sampling:

05/02/2026

Location of sampling:

Labor

Receipt of sample / Condition upon delivery:

10/02/2026 / without objection



Statement of conformity with M1 criteria

The sample with the internal sample no. 60756-A001 has been tested on behalf of **ADLER-Werk Lackfabrik Johann Berghofer GmbH & Co KG**. The article description according to the order is **Lignovit GLT Plus (Artikel-Nr. 5381000220)**.

This evaluation bases on the test criteria of the Building Information Foundation RTS.
 The results of the emission analysis are stated as Specific Emission Rate (SER).

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

Test parameter	SER Specific Emission Rate	Requirement	Requirement hold [yes/no]
Emission analysis			
Measurement time: 28 days after test chamber loading			
TVOC (sum volatile organic compounds) ^{a)}	0.097 mg/(m ² · h)	≤ 0.2/ 0.4 mg/(m ² · h) ^{d)}	yes, M1
VOC single substances (µg/m ³) ^{b)}	≤ EU-LCI	≤ EU-LCI	yes
Formaldehyde	0.0015 mg/(m ² · h)	≤ 0.05/ 0.125 mg/(m ² · h) ^{d)}	yes, M1
Carcinogenic, mutagenic and reprotoxic substances, cat. 1A and 1B acc. to Regulation (EC) No. 1272/2008 (sum) ^{c)}	< 0.001 mg/m ³	≤ 0.001 mg/m ³	yes

a) For the TVOC only substances ≥ 5 µg/m³ are considered.

b) In 2021 the European Commission subgroup on EU-LCI values derived an EU-LCI value for methyl formate (VVOC, CAS 107-31-3) of 3000 µg/m³. However, methyl formate cannot be determined quantitatively under test conditions according to DIN EN 16516:2020-10.

c) Excluded are defined substances classified as CMR 1A or 1B for which an EU-LCI value is derived. These substances are evaluated on the basis of the EU-LCI value.

d) Requirement value for emission class M1, M2.

Test parameter	Internal sample number	SER Specific Emission Rate [mg/(m ² · h)]	Requirement Emission class M1 [mg/(m ² · h)]	Requirement hold [yes/no]
Ammonia (28 days after test chamber loading)	60756-A001	< 0.005	≤ 0.03 / ≤ 0.06 ^{d)}	yes, M1

d) Requirement value for emission class M1, M2

Test parameter	Internal Sample number	Arithmetic mean	Requirement Emission class M1	Requirement hold [yes/no]
Odour testing acc. to DIN ISO 16000-28				
Odour - Acceptance 28 days after test chamber loading	60756-A001	0.8	≥ 0	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 the M1 criteria

The sample with the internal sample number 60756-A001, article description according to order: **Lignovit GLT Plus (Artikel-Nr. 5381000220)**, meets the requirements of the **Emission Class M1**.

Cologne, 26/03/2026

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

Marc-Anton Dobaj, M.Sc. Crystalline Materials
(Project management)