

Report No.: 158207145a 001 Page 1 of 4
Client: GREENLAM INDUSTRIES LTD.
Contact Information: Vill-Paterh Bhonku, P.O.-Panjehra, Tehsil-Nalagarh, Distt-Solan (HP).
Nalagarh-174101
Test item(s): Greenlam High Pressure Decorative Laminate
Identification/ Greenlam High Pressure Decorative Laminate
Model No(s):
Sample Receiving date: 2020-02-07
Testing Period: 2020-02-07 to 2020-03-11
Test Specification: Formaldehyde emission based on DIN EN 16516:2017 **Test result:**
PASS


Other information:

The report 158207145a 001 supersedes report 158126273a 001
The sample is not sealed with air-tight packaging material
Other information provided from client:
Contact Person : Mr. GSRA Sharma/Ankush Kumar
Decor descriptions : 113 (Suede)
Product Category : High Pressure Decorative Laminate
Size/Qty: 700 X 700 mm
Thickness: 1.8 mm
Manufacture Standard: EN 438-Part 3:2016

For and on behalf of
TÜV Rheinland Hong Kong Ltd.

2020-04-14

Date



Kin Yim / Project Chemist

Name/Position

*Test result is drawn according to the kind and extent of tests performed.
This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.*

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Material List:

Item: Greenlam High Pressure Decorative Laminate

Material No.	Material	Color	Location
M001	Whole product	White	Refer to Photo

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Formaldehyde emission based on DIN EN 16516:2017

Test method : DIN EN 16516:2017 Assessment of release of dangerous substances
(Formaldehyde) - Determination of emissions into indoor air

Test chamber conditions

Test chamber : Corresponding to ISO 16000-9

Test chamber : 1 m³
volume

Temperature of : 23°C±1°C
supply air

Relative humidity of : 50 % ± 5 %
supply air

Area specific air : 0.278 m³/m²h
exchange rate

Air exchange rate : 0.5 m³/h

Inflow velocity : 0.1 to 0.3 m/s

Test No.	Material No.	Test Parameter	Unit	RL	Regulatory Requirement	Test Result	Conclusion
T001	M001	Formaldehyde content	ppm	0.02	0.1	0.02	PASS

Abbreviation : RL = Reporting Limit
ppm = parts per million
m³ = cubic meters
°C = degree Celsius
m³/m²h = cubic meters per meter per hour
m³/h = cubic meters per hour
m/s = meters per second

Remark:

- *1. According to DIN EN 16516:2017, 28 days in the test chamber are necessary to make a final assessment.

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Sample Photo



- END -

