

**TEST REPORT: 7191340597-CHM24-01-JH\_CR1**  
**(Re-issue Date: 05 SEP 2024)**



Date: 28 AUG 2024

Email: James.HUANG@tuv sud.com

Client's Ref: -

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**SUBJECT**

Fungus Resistance Test

**CLIENT**

LAMINEX GROUP PTY LTD  
22 Trewin St  
Wendouree  
355 Victoria  
Australia

Attn: Karen Coull

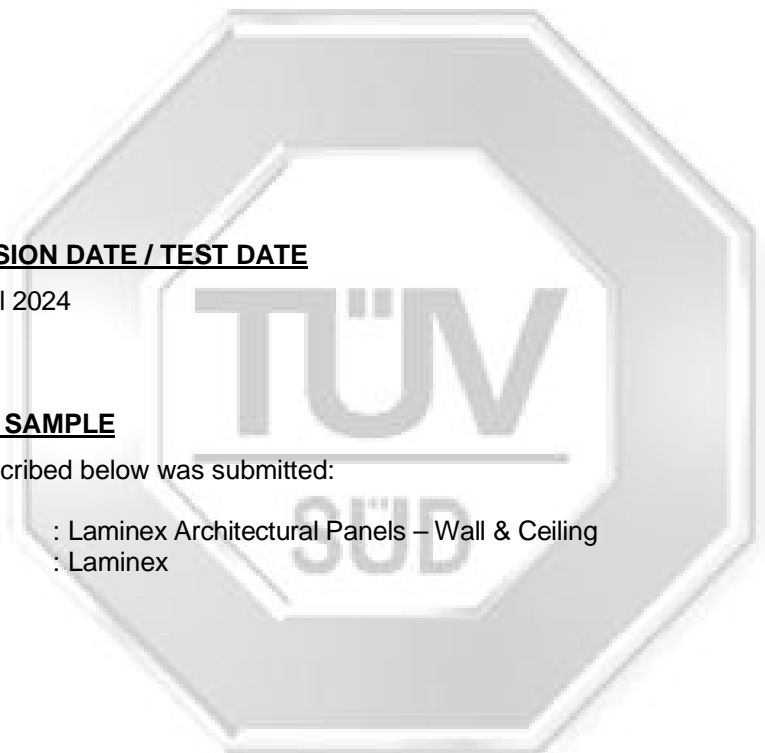
**SAMPLE SUBMISSION DATE / TEST DATE**

18 Jun 2024 / 10 Jul 2024

**DESCRIPTION OF SAMPLE**

One sample as described below was submitted:

Product Type : Laminex Architectural Panels – Wall & Ceiling  
Manufacturer : Laminex



TÜV SÜD PSB

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**METHOD OF TEST**

ASTM Designation : G21-15 (2021)

'Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi'.

1. The test fungi used were :  
*Aspergillus brasiliensis* (ATCC 9642)  
*Penicillium funiculosum* (ATCC 11797)  
*Chaetomium globosum* (ATCC 6205)  
*Trichoderma virens* (ATCC 9645)  
*Aureobasidium pullulans* (ATCC 15233)
2. Three test specimens were prepared for the tests. Both sides of the test specimen were tested.
3. Incubation condition: 28-30°C for 28 days at not less than 85% relative humidity.
4. Viability controls were prepared using three pieces of sterilized filter paper (25mm by 25mm) on solidified nutrient-salts agar in separate petri dishes inoculated with the test fungi and incubated at the same conditions as the test specimens for 14 days.
5. Based on the standard, the test may be terminated in less than 28 days for samples exhibiting a growth rating of 2 or more.
6. The extent of fungal growth on the incubated test specimens were rated in accordance with the test method as follows :

Observed growth on specimens	Rating
None	0
Traces of growth (less than 10%)	1
Light growth (10 - 30%)	2
Moderate growth (30 - 60%)	3
Heavy growth (60% to complete coverage)	4



**RESULTS**

Inoculated test specimens	Observation of fungal growth on test specimens at the end of incubation period
<u>Sample:</u> Laminex Architectural Panels – Wall & Ceiling # 1 # 2 # 3	Traces of growth (Rating 1) Traces of growth (Rating 1) Traces of growth (Rating 1)
<u>Viability controls</u> # 1 # 2 # 3	Heavy growth (Rating 4) Heavy growth (Rating 4) Heavy growth (Rating 4)

Amendment :

This report was amended from 7191340597-CHM24-01-JH on 05 Sep 2024. Product type was amended from “Laminated Board” to “Laminex Architectural Panels – Wall & Ceiling”, per client’s request.

Remarks :

The above test results related to the sample(s) as received.

**MS JOEY SEE ZHI QING**  
 MICROBIOLOGIST I

**MR JAMES HUANG XUQING**  
 ASSISTANT MANAGER  
 MICROBIOLOGY  
 CHEMICAL & MATERIALS

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Effective 27 March 2024

