

TEST REPORT: 7191249268-CHM20-01-RC

Date: 30 NOV 2020

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SUBJECT

Fungus Resistance Test

CLIENT

Virgo Industries
Plot No 828, Industrial Area
160002 Chandigarh
India

Attn : Mr. Manjit Singh

SAMPLE SUBMISSION DATE / TEST DATE

21 Oct 2020 / 22 Oct 2020

DESCRIPTION OF SAMPLE

One sample of panel was submitted by the above company.

Product Name : Virgo High Pressure Laminates / DM 1209 S
Manufacturer : Virgo Industries



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METHOD OF TEST

ASTM Designation : G21-15

`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 95% 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 to 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	Rating of fungal growth on test-specimens at the end of incubation period
<u>Sample: Virgo High Pressure Laminates / DM 1209</u> <u>S</u> # 1 # 2 # 3	 0 (No fungal growth) 0 (No fungal growth) 0 (No fungal growth)
<u>Viability controls</u> # 1 # 2 # 3	 4 4 4

Remarks :

The above test results related to the samples as received.



MS AW HWEE YING
HIGHER TECHNICAL EXECUTIVE



MR RANDY CHIN KOK FEI
PRODUCT MANAGER
MICROBIOLOGY
CHEMICAL & MATERIALS

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Effective 01 September 2020

