



BIOTECH TESTING SERVICES

TEST REPORT

LAB NO. : 16699/ 1

DATE: 28/11/2018

NAME OF CUSTOMER : GREENLAM INDUSTRIES LIMITED

ADDRESS : Plot no. E - 176/179, Phase-II,
RIICO Industrial Area, P.O Behror,
Dist. Alwar

REFERENCE : Letter Ref. Nil dated October 13, 2018
K. Attention: GSRA Sharma

DATE OF RECEIPT : 13/10/2018

DATE OF INITIATION : 23/10/2018

DATE OF COMPLETION : 28/11/2018

SAMPLE DESCRIPTION : LAMINATE SAMPLE LABELED AS:-

Sr. No.	Description
1.	1.0 mm Decor No. 782 Suede Finish Greenlam Antibacterial High Pressure Laminate
Untreated – Lab Control	

Name of Test:

Determination of Resistance of Synthetic Polymeric materials to Fungi by ASTM: G 21 - 2015

Test specimen Size:

50 mms x 50 mms

Experimental Conditions:

Temperature : 28°C ± 1°C

Humidity : >85% Relative Humidity

Duration of Exposure : 28 days

Test Organisms:

Mixed spore suspension of –

1. Aspergillus niger ATCC 9642
2. Penicillium funicolosum ATCC 11797
3. Gliocladium virens ATCC 9645
4. Chaetobium globosum ATCC 6205
5. Aurobasidium pullulans ATCC 15233



BIOTECH TESTING SERVICES

Procedure:

Specimen materials of 50 mms x 50 mms were placed on Nutrient salt agar. Composite spore suspension was sprayed on specimen. Observations were made on weekly basis for appearance for the density of fungal growth. Adequate positive and Negative controls were also included along with specimen.

Results:

Visual/ Microscopic Assessment Report

Sample Description	Rating in Terms of Growth
1.0 mm Decor No. 782 Suede Finish Greenlam Antibacterial High Pressure Laminate	0
Untreated – Lab Control	4

Observation for Visible Effects:

Growth on specimen	Rating
None	0
Trace of Growth (< 10 %)	1
Light Growth (10 to 30 %)	2
Medium Growth (30 to 60 %)	3
Heavy Growth (60% to complete coverage)	4

INTERPRETATION:

Sample – labeled as **1.0 mm Decor No. 782 Suede Finish Greenlam Antibacterial High Pressure Laminate** are **Resistant to fungal attack** at the end of 28 days of incubation when tested as per **ASTM: G 21 - 2015** test method.

For BIOTECH TESTING SERVICES



Dr Shilpa U. Nair
Quality Manager
(Authorized Signatory)

16699/1
Page 2 of 2