

TEST REPORT No. 328846

Place and date of issue: Bellaria-Igea Marina - Italy, 30/10/2015

Customer: ASAWA INSULATION PRIVATE LIMITED - Plot No. 52 & 53, Arkose Industrial Estate, Adoshi Road Dekhu, Sajgaon, Tal - Khalapur, Khopoli, Maharashtra, 410203 - India

Date test requested: 08/07/2015

Order number and date: 67129, 08/07/2015

Date sample received: 03/08/2015

Test date: from 07/08/2015 to 27/10/2015

Purpose of test: microbial growth test according to method specified by clause 7.4 of standard EN 13403:2003

Sample origin: sampled and supplied by the Customer

Identification of sample received: No. 2015/1649

Sample name*

The test sample is called "SMART PIR PANELS".

Description of sample*

The test sample comprises 3 PIR (Polyisocyanurate) sandwich panel specimens, nominal size 100 mm x 100 mm.

(*) according to that stated by the Customer.

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This report consists of 3 sheets.

Sheet
1 of 3



Photo of a specimen

Normative References

The test was carried out in accordance with the requirements of clause 7.4 of standard EN 13403:2003 dated April 2003 “Ventilation for buildings - Non-metallic ducts - Ductwork made from insulation ductboards”.

Test method

Following growth of the microbial strain *Chaetomium globosum* ATCC 6205 on malt extract agar, a spore suspension was prepared containing between 10^5 and 10^6 CFU/ml.

The sample was first cleaned by soaking in a 70 % ethanol solution and then left to air dry.

Subsequently, a spore suspension of $1,3 \cdot 10^5$ CFU/ml was evenly applied to the sample.

The sample was then left to incubate at a temperature of 21 °C and relative humidity exceeding 95 % for 60 days.

Test results

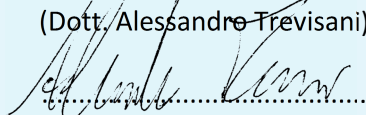
Specimen [No.]	Grade*
1	0
2	0
3	0

(*) Key: 0 no growth;
1 very slight growth;
2 slight growth (area covered ≤ 25 %);
3 moderate growth (area covered ≤ 50 %);
4 high growth (area covered > 50 %).

A visual examination of the sample provides no indication of deterioration after the test.



Head of Wood Technology/Conditioning
Laboratory
(Dott. Alessandro Trevisani)



Chief Executive Officer
(Dott. Arch. Sara Lorenza Giordano)

