



UNIVERSITÀ
CATTOLICA
del Sacro Cuore

Dipartimento di Scienze e Tecnologie Alimentari
per una filiera agro-alimentare Sostenibile - DISTAS
Area di Tecnologie alimentari, enologia e ambiente

UNIVERSITA' CATTOLICA DEL S. CUORE
DIPARTIMENTO DISTAS
FACOLTA' DI SCIENZE AGRARIE, ALIMENTARI E AMBIENTALI

IRIS Ceramica Group
Via Ghiarola Nuova,119
41042 Fiorano Modenese (MO)

Piacenza, 18th February, 2020

TEST REPORT N° 8A/2020

Sample: CALACATTA SL. ACTIVE 2.0. 300x150 cm

TEST RESULTS

As requested by the Company IRIS Ceramica Group the product **CALACATTA SL. ACTIVE 2.0. 300x150 cm** has been tested for resistance to mold growth according to UNI 9805/91 " Paints products. Evaluation of the resistance to mold by paints".

The test samples were prepared and provided by the company.

Evaluation of mold resistance efficacy

The UNI 9805/91 norm indicates the laboratory method for testing the resistance of a wall paint against the growth of molds which are naturally present on a wall.

The specimens were placed centrally (with the surface to be tested face up) onto Petri plates containing Malt Agar as culture media. The specimens were then inoculated with a 10⁶ CFU/mL spore suspension of *Aspergillus niger*, *Penicillium ochrochloron*, *Pullularia pullulans*. For each strain, three Petri plates were prepared.



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The inoculated Petri plates were incubated at $28 \pm 2^\circ\text{C}$ for 3 days. At the end of the incubation time, mold growth was assessed visually macroscopically.

The observation of plates revealed for all strains no mold development on the surface of the specimens.

Therefore, according to UNI 9805/91 the product is suitable for preventing the development of mold of the species used for the test.

This test report contains results that refer only to the analysed sample and can only reproduced in full, without any change.

The analyst
(Dr. Roberta Galli)

Scientific Referent
(Prof. Giorgia Spigno)

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