

Stitch

QUALITY CHARACTERISTICS	NORM	REQUIRED STANDARDS	RESULT
 Water absorption of the body	ISO 10545-3		avg. 0,04%
 Breaking strenght	ISO 10545-4		40,8 N/mm ²
 Abrasion resistance	ISO 10545-7		PEI IV
 Frost resistance	ISO 10545-12		before 0,03% after 0,06%
 Chemical resistance	ISO 10545-13		Check File Attached
 Thermal shock resistance	ISO 10545-5		NA
 Dynamic coefficient of friction	BOT 3000E		0,46
 Slight Variation			V2



V1

Uniform appearance



V2

Slight Variation



V3

Moderate Variation



V4

Substantial Variation

FOR THE BEST PRODUCT LAYING RESULTS, MATERIAL FROM AT LEAST THREE BOXES SHOULD BE MIXED

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Laboratory for Experimental and Technological Ceramics and Brick Industries

Test Report

TR n. 002/19 eng

Date 25/01/2019

DOM CERAMICHE S.p.A.

SS 569, 167/A

41014 SOLIGNANO

MO

UNI EN ISO 10545-13 : 2017

CERAMIC TILES
DETERMINATION OF CHEMICAL RESISTANCE

Principle: This norm defines a method of test for determining the chemical resistance of ceramic tiles at room temperature. The method is applicable to all types of ceramic tiles.

Sample arrived 16/01/2019 (sampling executed by Costumer)

DESCRIPTION SAMPLES: 30x60 cm
TYPE: DFR310 FRESH WHITE

Test start: 21/01/2019

Test finished: 25/01/2019

Procedure used : in contact with the surface

TEST SAMPLES : Every solution has been tried on n° 3 fragments of floor tile.

Classification

Household chemicals : Ammonium chloride (100 g/l) **A**

Swimming pool salts : Sodium hypochlorite (20 mg/l) **A**

Low concentration acids and bases :

Citric acid (100 g/l) **LA**

Hydrochloric acid (3%) **LA**

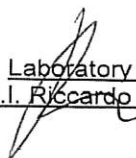
Potassium hydroxide (30 g/l) **LA**

High concentration acids and bases :

Lactic acid (5%) **ND**

Hydrochloric acid (18%) **ND**

Potassium hydroxide (100 g/l) **ND**


Laboratory Head
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