



Main Laboratory Sassuolo

Centro di Ricerca, Sperimentazione, Consulenza e Controllo Qualità

Scandiano, 11/10/2017



Messrs **Ceramica Incontro s.r.l.**

Casella Postale n° 47

S.P. 231 Km. 34,200

70033 CORATO

(BA)

Confidential Test Report N. 4110/2017 /I
on ceramic tiles defined by ASTM C 242

Our ref.num.: 21113

Date of request: 11/06/2017

Test Specimen

" Paver tile 9x30 cm marked:
COLOR 1 (BIANCO)"

Source

Submitted to Laboratory by Client

Date Received

11/06/2017

Time of test execution

start: 11/09/2017 end: 11/10/2017

Test detail / method description / test procedure

" Determining Visible Abrasion Resistance of Glazed Ceramic Tile -
Standard ASTM C 1027 "

The report relates only to the sample(s) tested. This report must not be reproduced in part without the written permission of Main Laboratory Sassuolo, nor used in any way as to lead to misrepresentation of the results or their implications.

Page 1 of 2



Confidential Test Report N. 4110/2017 /I

Page 2 of 2

Date 11/10/2017

Ceramica Incontro s.r.l.

Test specimen

" Paver tile 9x30 cm marked:
COLOR 1 (BIANCO)"

DETERMINING VISIBLE ABRASION RESISTANCE OF GLAZED CERAMIC TILE (Standard ASTM C 1027)

Principle: *the abrasion resistance of tile surfaces is determined by rotation of an abrasive load on the surface and the assessment of the resultant wear by means of visual comparison of the abraded test specimens and not abraded tiles.*
A staining agent in light oil may be used to help determine whether abrasion surface is likely to result in mechanical entrapment of dirt particles.

Results

Abrasion visible at rev.: >12000

Abrasion class: V

Visual examination test cleanness' stains: stain removed (look test for stain)

Visual examination test of resistance to stain

Stains	Classification of results
Chrome green in light oil	Class 3

Cleaning procedure of the test of resistance to stains

Class 5: flow of running hot water for 5 min.

Class 4: hand cleaning using weak cleaning commercial agent, not containing abrasive, having pH of 6.5 to 7.5 (Aiax).

Class 3: mechanical cleaning using a strong commercial cleaning abrasive agent, having pH of 9 to 10 (Cif).

Class 2: cleaning with immersion, for 24 h, in the suitable solvent.

Class 1: stain not removed.



THE DIRECTOR
M.L. Simion