

Serramazzoni, 16 Jan. 20

TACTILE TRADING (PTY) LTD
THE DISTRICT SHOP 5 GROUND FLOOR
SIR LOWRY ROAD – WOODSTOCK
7925 CAPETOWN - SOUTH AFRICA SA

Re: Limestone

Limestone/Tuscania is a COLOUR BODY PORCELAIN STONEWARE as **clearly written in the catalogue**.

It is 100% conform to ISO10545 norms.

Most of the Italian factories declare their COLOUR BODY PORCELAIN STONEWARE TILES as UGL products, few others remain on "glazed porcelain" thus determine if PEI available or not and other test results issues.

Actually, worldwide, there is no univocal way to determine if a COLOUR BODY PORCELAIN STONEWARE TILE must be under UGL or Glazed porcelain norms.

It is on factory's discretion.

Tuscania is declaring Limestone series UGL but they've made PEI tests anyway and **they guarantee Limestone for heavy traffic areas**. Please note NOT all Tuscania series are COLOUR BODY PORCELAIN STONEWARE TILES but Limestone is one of these.

Re. SCRATCH resistance test for Limestone series it is under process since end Dec.2019 and it should be available any moment as form mid/end next week.

Regards

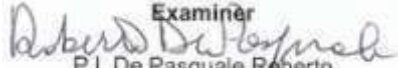


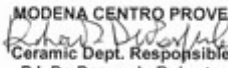
TEST REPORT: 20157467/5

Modena, 03/04/19

CUSTOMER	MANIFATTURA COTTO TUSCANIA S.P.A. - - VIA GIARDINI SUD 4603 - 41028 - SERRAMAZZONI - MO
MATERIAL and/o SAMPLE to be tested	PORCELAIN TILES;
Denomination	LIMESTONE ASH 61,0x61,0;
Date of sample reception	01/04/2019;
Kind of test executed	Determination of Scratch Hardness of Surface MOHS Scale
Referring standards	UNI EN 101:1992
Shifting from standards	None
Equipment	
Calibration	\\
Subcontracted phases	None
Sampling made by	Customer

*The test results showing in this Report are only referred to the sample taken by our staff or supplied by the Customer. He commits himself to reproduce integrally this document. Partial reproduction is forbidden.
The times of retain of the samples was indicated in the offer related to the test report.*


Examiner
P.I. De Pasquale Roberto

MODENA CENTRO PROVE

Ceramic Dept. Responsible
P.I. De Pasquale Roberto

MODENA CENTRO PROVE

Director
Sant'Unione dr. Giuseppe



MODENA CENTRO PROVE s.r.l.
Sede legale e Laboratori: 41123 Modena (Italy) - Via Sallustio, 78
Tel. 059822417 r.a. - Fax 059380281 - e-mail : info@modenacentroprove.it - www.modenacentroprove.com
C.C.I.A.A. Modena n. 228587 - Tribunale di Modena n° 2231 - C.F. e P. IVA n. 01592020364

DETERMINATION OF SCRATCH HARDNESS OF SURFACE (MOHS)

Beginning date : 03/04/2019

Analysis ending date : 03/04/2019

SAMPLE : Ceramic tile marked « LIMESTONE ASH »

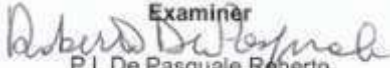
The scratch hardness of surface was determined drawing several lines on three sample to be tested with scale's Mohs minerals.

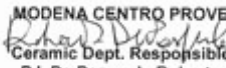
RESULTS

Tile N°	MOHS Hardness
1	7
2	7
3	7

REQUIREMENTS (Norm UNI EN 176)

Mohs Hardness (glazed tiles) : ≥ 5

Examiner

P.I. De Pasquale Roberto

MODENA CENTRO PROVE

Ceramic Dept. Responsible
P.I. De Pasquale Roberto

MODENA CENTRO PROVE

Director
Sant'Unione dr. Giuseppe