



MODENA CENTRO PROVE s.r.l.

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MECCANICA

ECOLOGIA

CERAMICA

ALIMENTARE

### TECHNICAL DATA SHEET

Results of tests performed on the ceramic tiles manufactured by **RONDINE S.p.A** denominated **SERIE PIETRE D'ITALIA** are listed in the following tables:

CHARACTERISTICS (TEST METHOD)	REQUIREMENTS EN14411:2012- G	RESULTS	TEST REPORT
DETERMINATION OF WATER ABSORPTION (ISO 10545-3) (%)	Average value $E \leq 0,5$	0,1	38802012
BREAKING STRENGTH (ISO 10545-4) (N)	$\geq 1300$	1105	38912012
DETERMINATION OF MODULUS OF RUPTURE (N/mm <sup>2</sup> ) (ISO 10545-4)	$\geq 35$ / N.A.	N.A.	38912012
RESISTANCE TO ABRASION (ISO 10545-7)	Abrasion class and cycles passed	5 – 12000	20132850
DETERMINATION OF CHEMICAL RESISTANCE (GL) (ISO 10545-13)	Declared value (low and high concentration acids and alkalis) Minimum class B to household chemicals and swimming pool salts	A (low and high concentration acids and alkalis) A (household chemicals and swimming pool salts)	CHIMIC.A
RESISTANCE TO STAINING (ISO 10545-14)	Minimum Class 3	5	38812012

CHARACTERISTICS (TEST METHOD)	REQUIREMENTS UNI EN 176	RESULTS	TEST REPORT
DETERMINATION OF MOHS HARDNESS	Glazed tile minimum 5	8	20132778

CHARACTERISTICS (TEST METHOD)	REQUIREMENTS CERAMIN TILE INSTITUTE	RESULTS	TEST REPORT
DETERMINATION OF STATIC COEFFICIENT OF FRICTION ASTM C1028	$>0,60$	DRY 0,97 WET 0,68	40612012

CHARACTERISTICS (TEST METHOD)	REQUIREMENTS ANSI A137.1:2012 Version 1	RESULTS	TEST REPORT
DETERMINATION OF DYNAMIC COEFFICIENT OF FRICTION BOT 3000	$>0,42$		DCOF

CHARACTERISTICS (TEST METHOD)	REQUIREMENTS DIN	RESULTS	TEST REPORT
DETERMINATION OF SLIPPERINESS (DIN 51130:2014)	Reported value	27,2° R11	38492012
DETERMINATION OF SLIPPERINESS (DIN 51097:1992)	Reported value	32° C	40072012

CHARACTERISTICS (TEST METHOD)	REQUIREMENTS B.C.R. Rep. CEC 6/81	RESULTS	TEST REPORT
DETERMINATION OF SLIPPERINESS (D.M. 236 - 89 Rif.B.C.R.)	$>0,40$	DRY 0,64 WET 0,73	39552012