

**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 TRIBECA** 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 $E \leq 0,5$	0,42	20146693
BREAKING STRENGTH (ISO 10545-4) (N)	$\geq 1300$	2143	20146691
DETERMINATION OF MODULUS OF RUPTURE (N/mm <sup>2</sup> ) (ISO 10545-4)	$\geq 35$ / N.A.	N.A.	20146691
RESISTANCE TO ABRASION (ISO 10545-7)	Abrasion class and cycles passed	5 – 12100	20146682
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)	20146683
RESISTANCE TO STAINING (ISO 10545-14)	Minimum Class 3	5	20146684

CHARACTERISTICS (TEST METHOD)	REQUIREMENTS UNI EN 176	RESULTS	TEST REPORT
DETERMINATION OF MOHS HARDNESS	Glazed tile minimum 5	6	20146681

CHARACTERISTICS (TEST METHOD)	REQUIREMENTS CERAMIN TILE INSTITUTE	RESULTS	TEST REPORT
DETERMINATION OF STATIC COEFFICIENT OF FRICTION ASTM C1028	$>0,60$	DRY 0,81 WET 0,74	20146686

CHARACTERISTICS (TEST METHOD)	REQUIREMENTS ANSI A137.1:2012 Version 1	RESULTS	TEST REPORT
DETERMINATION OF DYNAMIC COEFFICIENT OF FRICTION BOT 3000	$>0,42$	0,65	20146687

CHARACTERISTICS (TEST METHOD)	REQUIREMENTS DIN	RESULTS	TEST REPORT
DETERMINATION OF SLIPPERINESS (DIN 51130:2014)	Reported value	19,6° R11	20146688
DETERMINATION OF SLIPPERINESS (DIN 51097:1992)	Reported value	25,8° C	20146689

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 0,74 WET 0,67	20146690