

SERIE : AEQUA

PRODUCTION TECHNOLOGY :

Porcelain stoneware, full body colored, obtained by dry pressing of atomized selected clays and vitrified at high temperature over 1.200°. The final product complies with EN 14411, rules appendix G (valid for ceramic tiles dry pressed with $E \leq 0.5\%$ B1a UGL Group)

AESTHETIC CHARACTERISTICS

COLOR	NIX – SILVA – CIRRUS – CASTOR - TUR	
SIZE 30x160 cm 40x120 cm 26x160 cm 30x120 cm 20x120 cm 20x80 cm 13,3x80 cm 60x60 cm	THICKNESS 20 mm 20 mm 10 mm 10 mm 10 mm 10 mm 10 mm 20 mm	FINISHING Rectified Rectified Rectified Rectified Rectified Rectified+Grip Rectified Rectified+Grip Rectified Rectified
Durability for	Internal, external and residential use and light business.	

TECHNICAL PROPERTIES

CLASSIFICATION: EN 14411. APPENDIX G. GROUP B1a UGL	TEST METHOD/REGULATION	CASTELVETRO PERFORMANCE
Water absorption %	UNI EN ISO 10545-3	< 0,50
Breaking strength _ N	UNI EN ISO 10545-4	> 1300
Flexion resistance _ N/mm ²		> 35
Breaking strength	UNI EN 1339	U11
Resistance to deep abrasion	UNI EN ISO 10545-6	< 170 mm ³
Frost resistance	UNI EN ISO 10545-12	Resistance
Resistance to high concentrations of acids and alkali	UNI EN ISO 10545-13	GA
Resistance to high concentrations of acids and alkali		GLA
Resistance to chemical additives for domestic and pools use		GA
Resistance to stains	UNI EN ISO 10545-14	NDP
Slip resistance	B.C.R. TORTUS	> 0,40
	DIN 51130	R10 Nat+ R11 Grip / R12
	DIN 51097	Classe A + B + C / A + B+ C
	ASTM C	NDP
	DCOF	> 0,42 / > 0,42
	ASTM C1027	4
Reaction to Fire	See decision 96/603/CE	Fireproof class A1fl-A1

ENVINORMENTAL IMPACT

% water waste recycling in the production process	100%
Emissions into water	0%
Cold emissions into the air	<5 g/m ²
% solid waste recycling in the production process	>90%

