

SERIE: FLAG

PRODUCTION TECHNOLOGY:

Reaction to Fire

Porcelain stoneware, obtained by dry pressing of atomized selected clays and vitrified at high temperature over 1.200°. The final product complies with FN 14411 rules appendix G (valid for ceramic tiles dry pressed with F ≤ 0.5% B1a GL Group)

AESTHETIC CHARACTERISTICS			
COLOR	WHITE – GOLD – GREY - DARK		
SIZE 16,4x16,4 cm 33,3x33,3 cm 33,3x50,2 cm 50,2x50,2 cm 30,1x60,5 cm	THICKNESS 9 mm	FINISHING Nat - grip	
Durability for	Internal, external and residential use and	light business.	
	TECHNICAL PROPERTIES		
CLASSIFICATION: EN 14411. APPENDIX G. GROUP B1a GL	TEST METHOD/REGULATION	CASTELVETRO PERFORMANCE	
Water absorption %	UNI EN ISO 10545-3	< 0,50	
Breaking strength _ N	UNI EN ISO 10545-4	> 1300	
Flexion resistence _ N/mm2		> 35	
Resistance to superficial abrasion	UNI EN ISO 10545-7	PEI IV col: Dark PEI V col: White – Gold - Grey	
Frost resistance	UNI EN ISO 10545-12	Resistance	
Resistance to high concentrations of acids and alkali		NDP	
Resistance to high concentrations of acids and alkali	UNI EN ISO 10545-13	NDP	
Resistance to chemical additives for domestic and pools use		NDP	
Resistance to stains	UNI EN ISO 10545-14	NDP	
Slip resistance	B.C.R. TORTUS	>0,40	
	DIN 51130	R11 Grip	
	DIN 51097	Classe A + B + C Grip	
	ASTM C	> 0,60	
	DCOF	NDP	

Ceramiche CCV Castelvetro S.p.A. info@castelvetro.it | www.castelvetro.it

See decision 96/603/CE

Fireproof class A1fl-A1

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Capitale Sociale Euro 10.000.000,00 I.V. - REA n°319660 - Codice Fiscale - P. IVA - n° Registro Imprese di Modena 02652780368 - P. IVA Intracomunitaria 02652780368



ENVINORMENTAL IMPACT		
% water waste recycling in the production process	100%	
Emissions into water	0%	
Cold emissions into the air	<5 g/m²	
% solid waste recycling in the production process	>90%	



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