

Requested by:	FLORIM CERAMICHE S.p.A. - Via Canaletto 24 – 41042 FIORANO MODENESE (MO)	
For the sample:	Glazed ceramic tiles 60 x 60 x 1,0 cm marked "Brand REX – Serie I CLASSICI DI REX – Articolo STATUARIO GLOSSY 60x60 cm".	
On (date):	04/12/15	Date of receipt in laboratory (sample delivered by the client): 04/12/15
Test date	From: 10/12/15	To: 14/12/15

EN ISO 10545-13 § 8 - Determination of chemical resistance - Glazed tiles

Test solutions	Class of resistance				
	Test specimen 1	Test specimen 2	Test specimen 3	Test specimen 4	Test specimen 5
Household Chemicals: Ammonium Chloride 100g/l	GA	GA	GA	GA	GA
Swimming pool salts: Sodium hypochlorite 20mg/l	GA	GA	GA	GA	GA
Acids: Hydrochloric acid 3% V/V Citric acid 100g/l	GLB GLB	GLB GLB	GLB GLB	GLB GLB	GLB GLB
Alkali: Potassium Hydroxide 30g/l	GLB	GLB	GLB	GLB	GLB
Acids: Hydrochloric acid 18%V/V Lactic acid 5% V/V	GHB GHB	GHB GHB	GHB GHB	GHB GHB	GHB GHB
Alkali: Potassium Hydroxide 100g/l	GHB	GHB	GHB	GHB	GHB

CLASSIFICATION (Pencil test and/or reflexion test are applicable:)

<p><i>U: Unglazed tiles</i> <i>G: Glazed tiles</i> <i>L: Low concentration chemicals</i> <i>H: High concentration chemicals</i></p>	<p><i>Class A: no visible effect</i> <i>Class B: definitive change in appearance</i> <i>Class C: partial or complete loss of the surface</i></p>
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Eng. Giordana Carani
Technical approval



Prof. Maria Chiara Bignozzi
Director



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