

MODEL: **COTTO**  
SIZE : 331,5X331,5

SERIE **RUSTIC**

**1.-CLASSIFICATION (UNE-EN 14.411).**

Dry Pressed Ceramics Tiles with low water absorption - Group Bla , E≤0,5% .

**2.-SPECIFICATIONS (UNE-EN 14.411)**

REQUIREMENTS	Test ISO Part	REQUERIMENTS STANDARD	TEST RESULTS
Dimensions and Surface Quality	ISO 10545-2	SEVERAL	-
Water Absorption	ISO 10545-3	≤ 0,5 %	0,152
Modulus of Rupture	ISO 10545-4	≥ 35 N/mm <sup>2</sup> (357 Kg./cm <sup>2</sup> )	PASS
MOHS	EN 101	(*)	6
Crazing Resistance	ISO 10545-11	(*)	PASS
Resistance to chemicals	ISO 10545-13	Min GB	GA
- Household chemicals: Ammonium chloride solution 100 g/l		Min GB	GA
- Swimming pool salts: Sodium Hypochlorite solution 20 mg/l		(*)	GLA
- Acids and alkalies:		(*)	GLA
Low concentrations: Hydrochloric acid solution (3%)		(*)	GLA
Citric acid solution 100 g/l		(*)	GHA
Potassium hydroxide 30 g/l		(*)	GHA
High concentrations: Hydrochloric acid solution (18%)		(*)	GHA
Resistance to staining:	ISO 10545-14	Min 3	5
Iodine/alcohol solution 13 g/l		Min 3	5
Cr <sub>2</sub> O <sub>3</sub> /FE <sub>2</sub> O <sub>3</sub> + light oil		Min 3	5
Olive oil	ISO 10545-7	(*)	III
Abrasion Resistance:	ISO 10545-12	Required	PASS
Frost Resistance	ISO 10545-12	Required	PASS
Slip resistance - Pendulum method	UNE-ENV12 633	(*)	37º /class 1

**3.-APLICACION GROUPS**

According to its characteristics, Hijos de F. Gaya Fores, defines this model as group:

**C**

(\*) as manufacturer confirms

Date : 04/02/2014



MODEL: **NATURAL**

SIZE : 331,5X331,5

SERIE **RUSTIC**

**1.-CLASSIFICATION (UNE-EN 14.411).**

Dry Pressed Ceramics Tiles with low water absorption - Group Bla , E≤0,5% .

**2.-SPECIFICATIONS (UNE-EN 14.411)**

REQUIREMENTS	Test ISO Part	REQUERIMENTS STANDARD	TEST RESULTS
Dimensions and Surface Quality	ISO 10545-2	SEVERAL	-
Water Absorption	ISO 10545-3	≤ 0,5 %	0,167
Modulus of Rupture	ISO 10545-4	≥ 35 N/mm <sup>2</sup> (357 Kg./cm <sup>2</sup> )	PASS
MOHS	EN 101	(*)	7
Crazing Resistance	ISO 10545-11	(*)	PASS
Resistance to chemicals	ISO 10545-13	Min GB	GA
- Household chemicals: Ammonium chloride solution 100 g/l		Min GB	GA
- Swimming pool salts: Sodium Hypochlorite solution 20 mg/l		(*)	GLA
- Acids and alkalis:		(*)	GLA
Low concentrations: Hydrochloric acid solution (3%)		(*)	GLA
Citric acid solution 100 g/l		(*)	GHA
Potassium hydroxide 30 g/l		(*)	GHA
High concentrations: Hydrochloric acid solution (18%)		(*)	GHA
Lactic acid solution (5%)	ISO 10545-14	Min 3	5
Potassium hydroxide 100 g/l		Min 3	5
Olive oil		Min 3	5
Resistance to staining:	ISO 10545-7	(*)	III (750v)
Iodine/alcohol solution 13 g/l	ISO 10545-12	Required	PASS
Cr <sub>2</sub> O <sub>3</sub> /Fe <sub>2</sub> O <sub>3</sub> + light oil	UNE-ENV12 633	(*)	33º /class 1
Abraision Resistance:			
Frost Resistance			
Slip resistance - Pendulum method			

**3.-APLICATION GROUPS**

According to its characteristics, Hijos de F. Gaya Fores, defines this model as group:

**C**

(\*) as manufacturer confirms

Date : 04/02/2014



<b>MODEL:</b> <input style="width: 80%;" type="text" value="MOKA"/> <b>SIZE:</b> 331,5X331,5	<b>SERIE</b> <input style="width: 80%;" type="text" value="RUSTIC"/>
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**1.-CLASSIFICATION (UNE-EN 14.411).**

Dry Pressed Ceramics Tiles with low water absorption - Group Bla , E≤0,5% .

**2.-SPECIFICATIONS (UNE-EN 14.411)**

REQUIREMENTS	Test ISO Part	REQUERIMENTS STANDARD	TEST RESULTS
Dimensions and Surface Quality	ISO 10545-2	SEVERAL	-
Water Absorption	ISO 10545-3	≤ 0,5 %	0,211
Modulus of Rupture	ISO 10545-4	≥ 35 N/mm <sup>2</sup> (357 Kg./cm <sup>2</sup> )	PASS
MOHS	EN 101	(*)	6
Crazing Resistance	ISO 10545-11	(*)	PASS
Resistance to chemicals	ISO 10545-13	Min GB	GA
- Household chemicals: Ammonium chloride solution 100 g/l		Min GB	GA
- Swimming pool salts: Sodium Hypochlorite solution 20 mg/l		(*)	GLA
- Acids and alkalis:		(*)	GLA
Low concentrations: Hydrochloric acid solution (3%)		(*)	GLA
Citric acid solution 100 g/l		(*)	GHA
Potassium hydroxide 30 g/l		(*)	GHA
High concentrations: Hydrochloric acid solution (18%)		(*)	GHA
Lactic acid solution (5%)	ISO 10545-14	(*)	GHA
Potassium hydroxide 100 g/l		(*)	GHA
Resistance to staining:		(*)	GHA
Iodine/alcohol solution 13 g/l	ISO 10545-7	Min 3	5
Cr <sub>2</sub> O <sub>3</sub> /Fe <sub>2</sub> O <sub>3</sub> + light oil		Min 3	5
Olive oil		Min 3	5
Abrasion Resistance:	ISO 10545-7	(*)	II
Frost Resistance	ISO 10545-12	Required	PASS
Slip resistance - Pendulum method	UNE-ENV12 633	(*)	37º /class 1

**3.-APLICACION GROUPS**

According to its characteristics, Hijos de F. Gaya Fores, defines this model as group:

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Date : 04/02/2014



### 1.- CLASIFICACION.

Water abs. production	Group I E ≤ 3 %	Group Ila 3 % < E ≤ 6 %	Group Ilib 6 % < E ≤ 10 %	Group III E > 10 %
A Extruded	Group AI ISO 13006 Annex A1	Group AIla ISO 13006 Annex A2	Group AIlib ISO 13006 Annex A2b	Group AIII ISO 13006 Annex A3
B Dry pressed	Group BIa E ≤ 0,5 % ISO 13006 Annex BIa	Group BIla ISO 13006 Annex B2a	Group BIlib ISO 13006 Annex B2b	Group BIII ISO 13006 Annex B3
	Group BIb 0,5 < E ≤ 3 % ISO 13006 Annex BIb			
C Others	Group CI	Group CIla	Group CIlib	Group CIII

### 2.-CHARACTERISTICS

RESISTANCE TO	CLASS	MEANING
Stains	5	The stain is removed with hot water and a damp cloth
	4	The stain is removed with a weak cleaning agent.
	3	The stain is removed with mechanical cleaning and a strong cleaning agent
	2	The stain is removed with suitable solvent after immersion for 24 h.
	1	The stain is not removed
Household chemicals	GA(V)	Non Visible effect (if the hue becomes slightly different, this is not considered to be achemical attack)
Swimming pool salts	GB(V)	Definite change in appearance
	GC(V)	Partial or complete loss of the original surface
Acids and alkalis	GLA(V)	Non Visible effect (if the hue becomes slightly different, this is not considered to be achemical attack)
		GLB(V)
GLC(V)		Partial or complete loss of the original surface
Low concentrations (L)	GHA(V)	Non Visible effect (if the hue becomes slightly different, this is not considered to be achemical attack)
	GHB(V)	Definite change in appearance
	GHC(V)	Partial or complete loss of the original surface
High concentrations (H)		

### 3.- APPLICATIONS GROUPS

**GROUP A.-** Recommended for moderate or low level transit. Suitable for bedrooms and/or bathrooms in houses (avoid any kind of abrasion).

**GROUP B.-** Suitable for light or medium transit, such as rooms inside houses, except for kitchens or areas with direct acces from outside.

**GROUP C.-** Floorings recommended for medium transit, suitable for hauses, allkind of rooms included kitchen or near to entrance areas.

**GROUP D.-** Flooring suitable for heavy traffic, such as entrances to houses with direct acces from the outside, all kind of rooms and professional offices.

**GROUP GRAN TRANSITO.-** Flooring suitable and recommended for very heavy traffic

### OBSERVACIONES:

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