

Date:: 10/09/2015

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

SERIE **HERITAGE**
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 % | 0,105 |
| Modulus of Rupture | ISO 10545-4 | ≥ 35 N/mm ² (357 Kg./cm ²) | PASS |
| MOHS | EN 101 | (*) | 5 |
| Crazing Resistance | ISO 10545-11 | (*) | PASS |
| Resistance to chemicals | ISO 10545-13 | | |
| - Household chemicals: Ammonium chloride solution 100 g/l | | Min GB | GA |
| - Swimming pool salts: Sodium Hypochlorite solution 20 mg/l | | Min GB | GA |
| - Acids and alkalies: | | | |
| Low concentrations: Hydrochloric acid solution (3%) | | (*) | GLA |
| Citric acid solution 100 g/l | | (*) | GLA |
| Potassium hydroxide 30 g/l | | (*) | GLA |
| High concentrations: Hydrochloric acid solution (18%) | | (*) | GHA |
| Lactic acid solution (5%) | | (*) | GHA |
| Potassium hydroxide 100 g/l | | (*) | GHA |
| Resistance to staining: | ISO 10545-14 | | |
| Iodine/alcohol solution 13 g/l | | Min 3 | 5 |
| Cr ₂ O ₃ /Fe ₂ O ₃ + light oil | | Min 3 | 5 |
| Olive oil | | Min 3 | 5 |
| Abrasion Resistance: | ISO 10545-7 | (*) | IV |
| Frost Resistance | ISO 10545-12 | Required | PASS |
| Slip resistance - Pendulum method | UNE-ENV12 633 | (*) | 25º /class 1 |

3.-APLICATION GROUPS

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

D

(*) as manufacturer confirms

Date : 10/09/2015

1.- CLASIFICATION.

| Water abs. production | Group I $E \leq 3 \%$ | Group IIa $3 \% < E \leq 6 \%$ | Group IIb $6 \% < E \leq 10 \%$ | Group III $E > 10 \%$ |
|--------------------------|---|-----------------------------------|------------------------------------|----------------------------------|
| A Extruded | Group AI ISO 13006 Annex A1 | Group AIIa ISO 13006 Annex A2a | Group AIIb ISO 13006 Annex A2b | Group AIII ISO 13006 Annex A3 |
| B Dry pressed | Group BIa $E \leq 0,5 \%$ ISO 13006 Annex BIa | Group BIIa ISO 13006 Annex B2a | Group BIIb ISO 13006 Annex B2b | Group BIII ISO 13006 Annex B3 |
| | Group BIb $0,5 < E \leq 3 \%$ ISO 13006 Annex BIb | | | |
| C Others | Group CI | Group CIIa | Group CIIb | 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 alkalies | | |
| Low concentrations (L) | GLA(V) | Non Visible effect (if the hue becomes slightly different, this is not considered to be achemical attack) |
| | GLB(V) | Definite change in appearance |
| | GLC(V) | Partial or complete loss of the original surface |
| High concentrations (H) | 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 |

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:

CHARACTERISTICS PORCELAIN (Group Bla)

DATE: 27/09/2017

MODEL: **HERITAGE MIX 1ª**
 SIZE 33,15X33,1

SERIE **HERITAGE**
CODE 200000000000011155

1.-CLASIFICATION (UNE-EN 14411).

 Dry Pressed Ceramics Tiles with low water absorption - Group Bla , $E \leq 0,5\%$ for internal and external floors and walls.

2.-SPECIFICATIONS (UNE-EN 14.411 - ISO13.006)

| REQUIREMENTS | STANDARD APPLIED | REQUERIMENTS STANDARD | TEST RESULTS |
|---|----------------------|--------------------------|--------------|
| Dimensions and Surface Quality | ISO 10545-2 | --- | PASS |
| Water Absorption | ISO 10545-3 | $E \leq 0,5 \%$ | PASS |
| Modulus of Rupture | ISO 10545-4 | $\geq 35 \text{ N/mm}^2$ | PASS |
| MOHS | EN 101 | (*) | 5 |
| Crazing Resistance | ISO 10545-11 | (*) | PASS |
| Resistance to chemicals | ISO 10545-13 | | |
| - Household chemicals: Ammonium chloride solution 100 g/l | | Min B | GA |
| - Swimming pool salts: Sodium Hypochlorite solution 20 mg/l | | Min B | GA |
| - Acids and alkalies: | | | |
| Low concentrations: Hydrochloric acid solution (3%) | | (*) | GLA |
| Citric acid solution 100 g/l | | (*) | GLA |
| Potassium hydroxide 30 g/l | | (*) | GLA |
| High concentrations: Hydrochloric acid solution (18%) | | (*) | GHA |
| Lactic acid solution (5%) | | (*) | GHA |
| Potassium hydroxide 100 g/l | | (*) | GHA |
| Resistance to staining: | ISO 10545-14 | | |
| Cr2O3/FE2O3 + light oil | | Min 3 | 5 |
| Abrasion Resistance (PEI): | ISO 10545-7 | (*) | IV |
| Frost Resistance | ISO 10545-12 | Required | PASS |
| Slip resistance | DIN 51130 (R) | (*) | |
| | ANSI 137.1 (DCOF) | (*) | >0,42 |
| | UNE-ENV 12633(Class) | (*) | 31°/1 |

3.-APLICACION GROUPS

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

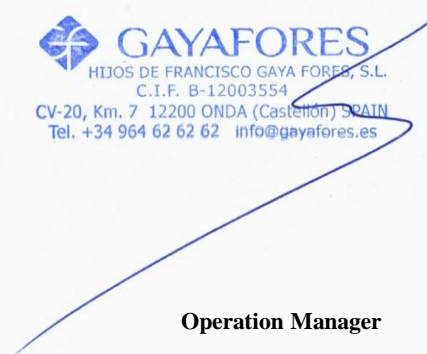
GRUPO D


(*) as manufacturer confirms




GAYAFORES
 HIJOS DE FRANCISCO GAYA FORES, S.L.
 C.I.F. B-12003554
 CV-20, Km. 7 12200 ONDA (Castellón) SPAIN
 Tel. +34 964 62 62 62 info@gayafores.es

R+D Manager




GAYAFORES
 HIJOS DE FRANCISCO GAYA FORES, S.L.
 C.I.F. B-12003554
 CV-20, Km. 7 12200 ONDA (Castellón) SPAIN
 Tel. +34 964 62 62 62 info@gayafores.es

Operation Manager

1.- CLASIFICATION.

| Water abs. production | Group I $E \leq 3 \%$ | Group IIa $3 \% < E \leq 6 \%$ | Group IIb $6 \% < E \leq 10 \%$ | Group III $E > 10 \%$ |
|--------------------------|---|-----------------------------------|------------------------------------|----------------------------------|
| A Extruded | Group AI ISO 13006 Annex A1 | Group AIIa ISO 13006 Annex A2a | Group AIIb ISO 13006 Annex A2b | Group AIII ISO 13006 Annex A3 |
| B Dry pressed | Group BIa $E \leq 0,5 \%$ ISO 13006 Annex BIa | Group BIIa ISO 13006 Annex B2a | Group BIIb ISO 13006 Annex B2b | Group BIII ISO 13006 Annex B3 |
| | Group BIb $0,5 < E \leq 3 \%$ ISO 13006 Annex BIb | | | |
| C Others | Group CI | Group CIIa | Group CIIb | 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 Swimming pool salts | GA(V) | Non Visible effect (if the hue becomes slightly different, this is |
| | GB(V) | Definite change in appearance |
| | GC(V) | Partial or complete loss of the original surface |
| Acids and alkalis | GLA(V) GLB(V) GLC(V) | Non Visible effect (if the hue becomes slightly different, this is |
| | | Definite change in appearance |
| | | Partial or complete loss of the original surface |
| | GHA(V) GHB(V) GHC(V) | Non Visible effect (if the hue becomes slightly different, this is |
| | | Definite change in appearance |
| | | Partial or complete loss of the original surface |

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 access from outside.
- GROUP C.-** Floorings recommended for medium transit, suitable for houses, all kind of rooms included kitchen or near to entrance areas.
- GROUP D.-** Flooring suitable for heavy traffic, such as entrances to houses with direct access from the outside, all kind of rooms and professional offices.
- GROUP GRAN TRANSITO.-** Flooring suitable and recommended for very heavy traffic

OBSERVACIONES: