

**CHARACTERISTICS PORCELAIN (Group BIa)**

DATE: 03/05/2018

**MODEL:** **DECO LYS 1<sup>a</sup>**
**SIZE 32X62,5**
**SERIE** **QUARZITE**
**CODE 200000000000010963**
**1.-CLASIFICACION (UNE-EN 14411).**

 Dry Pressed Ceramics Tiles with low water absorption - Group BIa ,  $E \leq 0,5\%$  for internal and external 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	(*)	7
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	(*)	III
Frost Resistance	ISO 10545-12	Required	PASS

(\*) as manufacturer confirms

### 1.- CLASIFICATION.

Water abs. production	Group I E ≤ 3 %	Group IIa 3 % < E ≤ 6 %	Group IIb 6 % < E ≤ 10 %	Group III E > 10 %
<b>A Extruded</b>	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>B Dry pressed</b>	Group BIa E ≤ 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 ≤ 3 % ISO 13006 Annex BIb			
<b>C Others</b>	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 not	
	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
		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
		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 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: