

TECHNICAL SHEET

Double fired wall tile - LIBERTY/RESINA 20X60

TECHNICAL CHARACTERISTICS

Standard UNI EN 14411:2016 - Annex L - dry-pressed ceramic tiles of GROUP BIII GL

	Tecnical Characteristic	Test method	Requirements values	Verified value
DIMENTIONS AND SURFACE QUALITY	LENGTH AND WIDTH (The permissible deviation of the average size for each tile(2 or 4 sides) from the work size (W)	UNI EN ISO 10545-2	± 0,6 %	CONFORMS
	THICKNESS		± 10 %	CONFORMS
	STRAIGHTNESS OF SIDES		± 0,3 %	CONFORMS
	RECTANGULARITY		± 0,5 %	CONFORMS
	SURFACE FLATNESS		Center and edge curvature	CONFORMS
			.+ 0,5 % - 0,3 %	
			Warpage	
			± 0,5 %	CONFORMS
	SURFACE QUALTY		A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles	CONFORMS
PHYSICAL PROPERTIES	WATER ABSORPTION	UNI EN ISO 10545-3	10 % < Eb (< 20%)	CONFORMS
	BREAKING STRENGTH	UNI EN ISO 10545-4	S > 200 N	CONFORMS
	FLEXURAL TENSILE STRENGTH or MODULUS OF RUPTURE		R > 15 N/mm ²	CONFORMS
	CRAZING RESISTANCE	UNI EN ISO 10545-11	REQUIRED	CONFORMS
CHEMICAL PROPERTIES	RESISTANCE TO HOUSEHOLD CHEMICALS AND SWIMMING POOL SALTS	UNI EN ISO10545-13	Minimum class B	PASS
	RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND	UNI EN ISO10545-13	Declared value	PASS

SIZES, PRODUCTS

SIZE: 20X60

PRODUCTS: LIBERTY - RESINA

Valid only for 1st choice