



MODELO:	N.ELDER	FECHA:	15/10/18
FORMATO:	30x60		
PRODUCTO:	GRES PORCELANICO		
GRUPO:	B la		

ENSAYOS	RESULTADOS	
UNE-EN ISO 10545-2 DIMENSIONES Y ASPECTO SUPERFICIAL	MEDIDAS (%)	CUMPLE CON LA NORMA
UNE-EN ISO 10545-3 ABSORCIÓN DE AGUA	VALOR MEDIO (%)	<0,5 %
UNE-EN-ISO 10545-4 RESISTENCIA A LA FLEXIÓN	FUERZA DE ROTURA (N)	1800 - 2500 N
	RESISTENCIA A LA FLEXIÓN (N/mm ²)	35 - 45 N/mm²
UNE-EN ISO 10545-8 DILATACIÓN TÉRMICA LINEAL	COEFICIENTE DE DILATACIÓN	< 7,0 x 10-6°C
UNE-EN ISO 10545-9 RESISTENCIA AL CHOQUE TÉRMICO	RESULTADO	RESISTE
UNE-EN ISO 10545-10 EXPANSIÓN POR HUMEDAD	ESPANSION POR HUMENDAD (mm/m)	>0,1 mm/m
UNE-EN ISO 10545-12 RESISTENCIA A LA HELADA	RESULTADO	RESISTE
UNE-EN ISO 10545-13 RESISTENCIA QUÍMICA	CLORURO AMÓNICO 100 g/l	GA
	HIPOCLORITO SÓDICO 20 mg/l	GA
	ÁCIDO CLORHÍDRICO 3 % ÁCIDO CITRÍCO 100 g/l HIDRÓXIDO POTÁSICO 30 g/l	CUMPLE CON LA NORMA
UNE-EN ISO 10545-14 RESISTENCIA A LAS MANCHAS	ÓXIDO VERDE EN ACEITE LIGERO	5
	SOLUCIÓN ALCOHÓLICA DE YODO	5
	ACEITE DE OLIVA	5

OBSERVACIONES:	Vº Bº LABORATORIO : 
----------------	---


MODEL:	N.ELDER	DATE:	04/04/18
SIZE:	60X60		
PRODUCT TYPE:	GRES PORCELANICO		
GROUP:	B la		

TEST CARRIED OUT	RESULTS	
UNE-EN ISO 10545-2 DIMENSIONS AND SURFACE QUALITY	VALUE (%)	CONFORMS TO STANDARD
UNE-EN ISO 10545-3 WATER ABSORPTION	AVERAGE VALUE (%)	< 0,5%
UNE-EN-ISO 10545-4 MODULUS OF RUPTURE	BREAKING STRENGTH (N)	1800 - 2400 N
	MODULUS OF RUPTURE (N/mm ²)	35 - 45 N/mm²
UNE-EN ISO 10545-9 RESISTANCE TO TERMAL SHOCK	THERMAL SHOCK	RESISTS
UNE-EN ISO 10545-12 FROST RESISTANCE	RESULTS	RESISTS
UNE-EN ISO 10545-13 CHEMICAL RESISTANCE	AMMONIUM CHLORIDE 100 g/l	UA
	SODIUM HYPOCHLORITE 20 mg/l	UA
	HYDROCHLORIC ACID 3 % CITRIC ACID 100 g/l POTASSIUM HYDROXIDE 30 g/l	CONFORMS TO STANDARD
UNE-EN ISO 10545-14 STAIN RESISTANCE	GREEN AGENT IN LIGHT OIL	5
	IODINE SOLUTION IN ALCOHOL	5
	OLIVE OIL	5

OBSERVATIONS:	LABORATORY : 
---------------	--

MODEL:	N.ELDER	DATE:	18/05/18
SIZE:	120X120		
PRODUCT TYPE:	GRES PORCELANICO		
GROUP:	B la		

TEST CARRIED OUT	RESULTS	
UNE-EN ISO 10545-2 DIMENSIONS AND SURFACE QUALITY	VALUE (%)	CONFORMS TO STANDARD
UNE-EN ISO 10545-3 WATER ABSORPTION	AVERAGE VALUE (%)	< 0,5%
UNE-EN-ISO 10545-4 MODULUS OF RUPTURE	BREAKING STRENGTH (N)	1800 - 2400 N
	MODULUS OF RUPTURE (N/mm ²)	35 - 45 N/mm ²
UNE-EN ISO 10545-8 LINEAL THERMAL EXPANSION	COEFFICIENT	< 7,0 x 10 ⁻⁶ °C
UNE-EN ISO 10545-9 RESISTANCE TO TERMAL SHOCK	THERMAL SHOCK	RESISTS
UNE-EN ISO 10545-10 MOISTURE EXPANSION	AVERAGE VALUE (mm/m)	<0,1 mm/m
UNE-EN ISO 10545-12 FROST RESISTANCE	RESULTS	RESISTS
UNE-EN ISO 10545-13 CHEMICAL RESISTANCE	AMMONIUM CHLORIDE 100 g/l	GA
	SODIUM HYPOCHLORITE 20 mg/l	GA
	HYDROCHLORIC ACID 3 %	CONFORMS TO STANDARD
	CITRIC ACID 100 g/l	
UNE-EN ISO 10545-14 STAIN RESISTANCE	POTASSIUM HYDROXIDE 30 g/l	
	GREEN AGENT IN LIGHT OIL	5
	IODINE SOLUTION IN ALCOHOL	5
	OLIVE OIL	5

OBSERVATIONS:	LABORATORY : 
---------------	--