TECHNICAL DATA

BASIC CHARACTERISTICS

		DATE:	20/02/2023 12:35
NAME:	M. Puls Dark 29,5x90	**CODE:**	101207
COLOR:	Dark	**GROUP (E %):**	Group BIII. Annex L
NOMINAL MEASUREMENTS (cm)	29.5x90 RC	**WORK SIZE (mm):**	295x901
THICKNESS (mm):	10.6		
RECTIFIED:			
WATER ABSORPTION:	**UNE-EN ISO 10545-3**	E>10%	

DIMENSIONAL STABILITY AND SURFACE ASPECT
UNE-EN ISO 10545-2 (ISO-13006:2018 UNE-EN 14411:2016)

	NORMATIVE	**RESULT**
DEVIATIONS LENGTH AND WIDTH:	**UNE-EN ISO 10545-2**	**Pass**
STRAIGHTNESS:	**UNE-EN ISO 10545-2**	**Pass**
RECTANGULARITY:	**UNE-EN ISO 10545-2**	**Pass**
SURFACE FLATNESS:	**UNE-EN ISO 10545-2**	**Pass**
DEVIATION THICKNESS	**UNE-EN ISO 10545-2**	**Pass**

MECHANICAL CHARACTERISTICS
UNE-EN ISO 10545-4-7-11-12 (ISO-13006:2018 UNE-EN 14411:2016)

	NORMATIVE	**RESULT**
RESISTANCE TO CRACKING:	**UNE-EN ISO 10545-11**	Complies
RESISTANCE TO THERMAL SHOCK:	**UNE-EN ISO 10545-9**	
MODULUS OF RUPTURE:	**UNE-EN ISO 10545-4**	Mín. 15
BREAKING STRENGTH:	**UNE-EN ISO 10545-4**	Mín. 1400
IMPACT RESISTANCE (Coef. Restitution):	**UNE-EN ISO 10545-5**	
FROST RESISTANCE:	**UNE-EN ISO 10545-12**	
	NORMATIVE	**CLASS**
DEEP ABRASION RESISTANCE:	**UNE-EN ISO 10545-6**	
ABRASION RESISTANCE (PEI method):	**UNE-EN ISO 10545-7**	
COEF. OF LINEAL THERMAL EXPANSION:	**UNE-EN ISO 10545-8**	

CHEMICAL AGENTS RESISTANCE (acids, bases and home cleaning products)
UNE-EN ISO 10545-13-14:1995 (ISO-13006:2018 UNE-EN 14411:2016)

	NORMATIVE	**CLASS**
RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND BASES: AC. CHLORHYDRIIC - CITRIC AC. CITRIC - POTASSIUM HYDROXIDE:	**UNE-EN ISO 10545-13**	MIN LB
RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS AND BASES: AC. CHLORHYDRIUM - AC. LACTIC - AC. POTASSIUM HYDROXIDE:	**UNE-EN ISO 10545-13**	MIN HB
AMONIUM CHLORIDE:	**UNE-EN ISO 10545-13**	MIN B
SODIUM HYPOCHLORITE:	**UNE-EN ISO 10545-13**	MIN B

GREEN/RED AGENT IN LIGHT OIL:	**UNE-EN ISO 10545-14**	5
IODINE SOLUTION:	**UNE-EN ISO 10545-14**	5
OLIVE OIL:	**UNE-EN ISO 10545-14**	5

SLIPNESS COEFFICIENT
UNE-EN ISO 12633:2003, DIN-51097, DIN-51130, ASTM C-1028/96

	RESULT
DIN-51097:1992 (Bare foot wet ground)	
DIN-51130 (Ramp)	
ASTM C1028 96 (Dynamic coefficient of friction)	
UNE-41901:2017 EX (Wet pendulum)	
PTV BS 7976-2 and BS 13036-4 (Pendulum test value British Standard)	
DCOF ANSI A137.1-2012 (Dynamic Coefficient of Friction)	

RESISTANT TO FIRE
UNE-EN 13501-1

RESULT	**A1**

NUEVA CERÁMICA NEWKER CA SL
B-12880357
C/ Sta. Magdalena de Pulpis, 10
12006 - CASTELLÓN (SPAIN)

SIGNED BY: Enrique Rodíguez
Quality Manager