

TECHNICAL DATA

BASIC CHARACTERISTICS

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| NAME: | Quartz Mosaic Grey 30x60 | DATE: | 22/02/2024 16:35 |
| COLOR: | Grey | CODE: | 190218 |
| NOMINAL MEASUREMENTS (cm) | 30x60 | GROUP (E %): | Group BIII. Annex L |
| THICKNESS (mm): | 9.6 | WORK SIZE (mm): | 300x600 |
| 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 | Complies |
| MODULUS OF RUPTURE: | UNE-EN ISO 10545-4 | Mín. 15 |
| BREAKING STRENGTH: | UNE-EN ISO 10545-4 | Mín. 600 |
| 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

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| RESULT | A1 |
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SIGNED BY:

Enrique Rodríguez
Quality Manager