

## TECHNICAL DATA

## BASIC CHARACTERISTICS

|                           |                    |                 |                     |
|---------------------------|--------------------|-----------------|---------------------|
| NAME:                     | Metro Sand 45x45   | DATE:           | 13/11/2025 14:21    |
| COLOR:                    | Sand               | CODE:           | 191106              |
| NOMINAL MEASUREMENTS (cm) | 45x45              | GROUP (E %):    | Group BIIa. Annex J |
| THICKNESS (mm):           | 8.7                | WORK SIZE (mm): | 450x450             |
| RECTIFIED:                |                    |                 |                     |
| WATER ABSORPTION:         | UNE-EN ISO 10545-3 | s               |                     |

 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. 20   |
| BREAKING STRENGTH:                     | UNE-EN ISO 10545-4  | Mín. 1000 |
| 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  | 4         |
| 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 | LA    |
| RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS AND BASES: AC. CHLORHYDRIUM - AC. LACTIC - AC. POTASSIUM HYDROXIDE:   | UNE-EN ISO 10545-13 | HA    |
| AMONIUM CHLORIDE:                                                                                                | UNE-EN ISO 10545-13 | A     |
| SODIUM HYPOCHLORITE:                                                                                             | UNE-EN ISO 10545-13 | A     |
| 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 |
|--------|----|