

Arona Specs

| TECHNICAL CHARACTERISTICS PORCELAIN STONEWARE EN 14411 G gruppo B1a GL | | STANDARD REQUIREMENTS | | | TEST RESULTS | REFERENCE STANDARD |
|---|---|--|-----------|---------|-----------------------------------|--------------------------------------|
| | | 7cm ≤ N < 15 cm | N ≥ 15 cm | | | |
| | | (mm) | (%) | (mm) | | |
| | LENGTH AND WIDTH: ADMITTED DEVIATION, IN %, OF THE AVERAGE SIZE OF EACH TILE FROM THE PRODUCTION DIMENSIONS | ±0,9 mm | ±0,6% | ±2 mm | ±0,15% | ISO 10545-2 |
| | ADMITTED DEVIATION, IN %, OF THE AVERAGE THICKNESS OF EACH TILE FROM THE PRODUCTION DIMENSIONS | ±0,5 mm | ±5,0% | ±0,5 mm | ±5% | |
| | MAXIMUM STRAIGHTNESS DEVIATION, IN %, IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS | ±0,75 mm | ±0,5% | ±1,5 mm | ±0,1% | |
| | MAXIMUM RIGHT-ANGLE DEVIATION, IN %, IN RELATION TO THE CORRESPONDING PRODUCTION DIMENSIONS | ±0,75 mm | ±0,5% | ±2,0 mm | ±0,2% | |
| | FLATNESS (CURVING IN THE MIDDLE, CORNER AND WARPING) | ±0,75 mm | ±0,5% | ±2,0 mm | ±0,35% | |
| | SURFACE QUALITY | AT LEAST 95% OF THE TILES MUST BE FREE FROM VISIBLE FLAWS. | | | CONFORMING | |
| | % WATER ABSORPTION | E ≤ 0,5% | | | E < 0,1% | ISO 10545-3 |
| | BREAKING STRENGTH IN N (thickness ≥ 7,5 mm) | 1300 min | | | > 1700 | ISO 10545-4 |
| | N/mm ² FLEXURAL STRENGTH TEST | 35 min | | | > 40 | ISO 10545-4 |
| | RESISTANCE TO ABRASION OF GLAZED TILES | SEE MANUFACTURER'S DECLARATION | | | BIANCO CLASSE 4 BEIGE CLASSE 4 | ISO 10545-7 |
| | THERMAL SHOCKS RESISTANT | - | | | RÉSISTANT | ISO 10545-9 |
| | GLAZE CRAZING RESISTANCE | REQUIRED | | | RÉSISTANT | ISO 10545-11 |
| | RESISTANCE TO STAINING | - | | | CLASSE 4 | ISO 10545-14 |
| | RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALKALIS. | SEE MANUFACTURER'S DECLARATION | | | GLB (POLISHED) GLA (NATURAL) | ISO 10545-13 |
| | RESISTENCE TO DOMESTIC CHEMICAL PRODUCTS AND ADDITIVES FOR SWIMMING POOLS | GB min | | | GA | |
| | FROST RESISTANCE | REQUIRED | | | RÉSISTANT | ISO 10545-12 |
| | FRICTION COEFFICIENT (SLIPPERINESS) | - | | | R9 (NATURAL) | DIN 51130:2010 |
| | | | | | Dry/Wet > 0,6 (NATURAL) | ASTM C 1028 |
| | | | | | Wet > 0,42 (NATURAL) | DCOF (section 9.6 ANSI A 137.1 2012) |



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