



Valsecchia
C E R A M I C A

**Valsecchia Ceramic Workshop
Quality Check**

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|---------------------|-------------------|-----------------|---------------|
| BRAND NAME : | VALSECCHIA | SERIES : | LIVING |
|---------------------|-------------------|-----------------|---------------|

| Test method | Specifications | Requirements | Results | Note |
|-------------|----------------|--------------|---------|------|
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|-----------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------|-------------|-----------------------|
| ISO 10545-14 | Resistance to Stains | Crimo green | GL min 3 UGL No requirement | Min class 3 | - |
| | | Iodine Solution | | Min class 3 | - |
| | | Olive oil | | Min class 3 | - |
| ISO 10545-13 | Chemical Resistance | NH ₄ Cl 100 g/l | N.C : C Min : B Max : A | Min class B | Ammonium Chloride |
| | | NACIO 20 mg/l | | Min class B | Sodium Hypochlorite |
| | | C ₆ H ₈ O ₇ 100g/l | | Min class B | Citric Acid |
| | | HCl 3 % | | Min class B | 3% Hydrochloric Acid |
| | | KOH 30 g/l | | Min class B | Idr. of Potassium 30 |
| | | HCl 18 % | | Min class B | Hydrochloric Acid 18% |
| | | KOH 100 g/l | | Min class B | Idr. of Potassium 100 |
| C ₃ H ₆ O ₃ 5% v/v | Min class B | Lactic Acid | | | |
| ISO 10545-3:2018 | Water Absorption (%) Method VACUUM | ≤ 0,5 % | Complies | - | |
| ISO 10545-3:2000 | Water Absorption (%) Method BOIL | ≤ 0,5 % | - | - | |
| ISO 10545-4 | Flexural Strength (N/mm ²) | R ≥ 35 | Complies | - | |
| | Breaking Effort (N) | S ≥ 1300 | Complies | - | |
| ISO 10545-7 | Surface Abrasion (PEI) | Value to be declared | III-V | - | |
| ISO 10545-11 | Cavillo resistance | According to EN ISO 10545-1 | Resists | - | |
| ISO 10545-12 | Frost resistance | According to EN ISO 10545-1 | Resists | - | |
| ISO 10545-9 | Resistance to Thermal Shock | According to EN ISO 10545-1 | Resists | - | |
| ANSI A137.1 | Coefficient of Dynamic Friction (DCOF) | ≥ 0,42 | - | - | |
| DIN 51130 | Sliding Angle (R) | ≤ 6,0° = N.C ≤ 10,0° = R9 ≤ 19,0° = R10 ≤ 27,0° = R11 ≤ 35,0° = R12 > 35,0° = R13 | R.9 | - | |
| DIN 51097 | Sliding Angle (A+B+C) | >12,0=A >18,0=B >24,0=C | - | - | |
| B.C.R.A D.M. 236 | Dynamic Friction Coefficient | Satisfactory 0,40 < μ < 0,74 Excellent >0,75 | Dry: ≥ 0,40 Wet: ≥ 0,40 | - | |

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