

Porcelain Writing Surface in Ultra High Gloss

The all new Hygienic surface takes a porcelain writing surface to the next level by incorporating an additive of silver micro particles designed to keep the surface clean. Hygienic Porcelain is magnetic and available in additional products upon request.

| Property | Ref. in Doc. n° 41.822 | Specification | Whiteboard e ³ U Hygienic |
|---|---------------------------|--|--|
| Antibacterial activity | - | EN-ISO 22196:2011 | Log 2 (99%) reduction |
| Antiviral activity | - | ISO 21702:2019 | Log 3 (99.9%) reduction |
| Total thickness enamel top coatings | 1 | ISO 2178 / ASTM B499 | 85 - 120 µm / 3.35 - 4.72 mills |
| Steel thickness | 2 | | 0.33 - 0.48 mm |
| Thickness back-side enamel coating | 3 | ISO 2178 / ASTM B499 | Type B: 35 - 50 µm / 1.38 - 1.97 mills |
| Total thickness | 4 | | 0.46 - 0.66 mm |
| Available standard widths | 5 | | 999 mm - 1219 mm |
| Available standard colors | 6 | | 6100 White |
| Weight (typical) | 7 | | 2.9 - 4.1 kg/m ² |
| Color deviation from standard | 8 | ISO 7724 / ASTM D2244-02 | ΔE ⁹⁴ = 1.5 max. |
| Gloss | 9 | ISO 2813 / ASTM D523 60° ISO 2813 / ASTM D523 20° | (Indicative: 92 GU) 70 (+10/-5) GU |
| Mohs surface hardness | 11 | EN 15771 | Min. 5 |
| Scratch resistance | 12 | ISO 15695 | Min. 7 N |
| Pencil hardness | 13 | ASTM D-3363 | > 9H |
| Wear resistance | 14 | ASTM C 501 (Abrasive S 33/1 kg/1000 revs.) | Max. 0.1 g |
| Impact resistance | 15 | ISO 4532 (20N - 24h) | < 2 mm |
| Cold acid resistance | 16 | EN 14483-1-9 / ISO 28706-1-9 | Min. A |
| Solvent resistance | 17 | PVNV 41.822 | No change |
| Fire resistance | 18 | EN 13501-1 +A1 | Incombustible - Class A1 |
| Color stability | 19 | ASTM C 538 | ΔE ⁹⁴ ≤ 5 |
| Dry-erasability of drymarkers | 24 | PVNV 41.803 | Excellent (ΔE ⁹⁴ ≤ 1.5) |
| Erasability of water-based markers with water | 25 | PVNV 41.822 | Excellent (ΔE ⁹⁴ ≤ 1.5) |
| Erasability of permanent markers with alcohol | 26 | PVNV 41.822 | Excellent (ΔE ⁹⁴ ≤ 1.5) |
| Durability | 27 | PVNV 41.809 | RG < 30% |
| Erasability of an aged surface | 28 | PVNV 41.809 | Excellent (ΔE ⁹⁴ ≤ 1.5) |
| EN ISO 28762 | 29 | EN ISO 28762 | Fulfilled |
| European Enamel Authority | 30 | EEA Quality Requirements | EEA 7.17: Fulfilled |
| MBDC Cradle to Cradle Certified | 31 | Cradle to Cradle Bronze | Certified |
| PEI 1002 compliant | 32 | PEI 1002 | Fulfilled |
| ISO 9001, ISO 14001 compliant | 33 | ISO 9001 | Certified |