

| Technical features                                                                                                           |                                                                                                                   |                                                                     |                       |          |                        |                   |                                     |
|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------|----------|------------------------|-------------------|-------------------------------------|
| Dry-pressed ceramic tiles. Quality specifications, according to control tests of EN 14411-ISO 13006 Appendix G group B1a UGL |                                                                                                                   |                                                                     | Standard requirements |          | Test results           |                   | Reference standard                  |
|                                                                                                                              |                                                                                                                   |                                                                     | N ≥ 15 cm             |          |                        |                   |                                     |
|                                                                                                                              |                                                                                                                   |                                                                     | (%)                   | (mm)     | GLOSSY                 | MATTE             |                                     |
|                                              | Lenght and with: deviation of the average size for each tile from the work size                                   | Squadrato ISO 13006                                                 | ± 0,3%                | ± 1 mm   | ± 0,15%                |                   | ISO 10545-2                         |
|                                                                                                                              | Thickness: deviation of the average thickness of each tile form the work size thickness                           | Squadrato ISO 13006                                                 | ± 5%                  | ± 0,5 mm | ± 5%                   |                   |                                     |
|                                                                                                                              | Straightness: maximum deviation to the corresponding work sizes                                                   | Squadrato ISO 13006                                                 | ± 0,3%                | ± 0,8 mm | ± 0,10%                |                   |                                     |
|                                                                                                                              | Orthogonality: permissible deviation in relation to the corresponding manufacturing dimensions                    | Squadrato ISO 13006                                                 | ± 0,3%                | ± 1,5 mm | ± 0,20%                |                   |                                     |
|                                                                                                                              | Flatness: center curvature, edge curvature, and warpage in relation to the corresponding manufacturing dimensions | Squadrato ISO 13006                                                 | ± 0,4%                | ± 1,8 mm | 0,20%                  |                   |                                     |
|                                                                                                                              | Surface quality                                                                                                   | A minimum of 95% of the tiles are to be free from visible defects   |                       |          | Compliant              |                   |                                     |
|                                              | Water absorption, percent mass fraction                                                                           | ≤ 0,5%                                                              |                       |          | Average value 0,08%    |                   | ISO 10545-3                         |
|                                              | Breaking strength in N (thickness < 7.5 mm)                                                                       | ≥ 700                                                               |                       |          | Average value 1350 N   |                   | ISO 10545-4                         |
|                                                                                                                              | Bending strength in N/mm²                                                                                         | ≥ 35                                                                |                       |          | Average value 52 N/mm² |                   |                                     |
|                                              | Resistance to deep abrasion                                                                                       | ≤ 175 mm³                                                           |                       |          | Average value 140 mm³  |                   | ISO 10545-6                         |
|                                              | Thermal shock resistance                                                                                          | Available testing method                                            |                       |          | Resistant              |                   | ISO 10545-9                         |
|                                              | Resistance to staining                                                                                            | Available testing method                                            |                       |          | Class 4                | Class 5           | ISO 10545-14                        |
|                                              | Resistance to low concentrations of acids and alkali                                                              | See manufacturer's declaration                                      |                       |          | LB                     | LA                | ISO 10545-13                        |
|                                                                                                                              | Resistance to household chemicals and swimming pool salts                                                         | Minimum class B                                                     |                       |          | A                      |                   |                                     |
|                                              | Frost resistance                                                                                                  | Required                                                            |                       |          | Resistant              |                   | ISO 10545-12                        |
|                                             | Release of hazardous substances                                                                                   | Declared value for GL surfaces intended for countertop applications |                       |          | Compliant              |                   | DM 1-2-2007<br>Reg. CE<br>1935-2004 |
|                                            | Dynamic coefficient of friction                                                                                   | See manufacturer's declaration                                      |                       |          | -                      | ≥ 0,42 wet        | ANSI-A326.3                         |
|                                                                                                                              |                                                                                                                   | See manufacturer's declaration                                      |                       |          | > 0,40                 |                   | METODO BCRA                         |
|                                            | Shod ramp slipperiness                                                                                            | See manufacturer's declaration                                      |                       |          | -                      | R9 (6° < α ≤ 10°) | DIN EN 16165<br>ANNEX B             |

| Technical features                                                                                                           |                                                                                                                   |                                                                   |                       |          |                                    |                   |                      |
|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------|----------|------------------------------------|-------------------|----------------------|
| Dry-pressed ceramic tiles. Quality specifications, according to control tests of EN 14411-ISO 13006 Appendix G group B1a UGL |                                                                                                                   |                                                                   | Standard requirements |          | Test results                       |                   | Reference standard   |
|                                                                                                                              |                                                                                                                   |                                                                   | N ≥ 15 cm             |          |                                    |                   |                      |
|                                                                                                                              |                                                                                                                   |                                                                   | (%)                   | (mm)     | GLOSSY                             | MATTE             |                      |
|                                              | Lenght and with: deviation of the average size for each tile from the work size                                   | Squadrato ISO 13006                                               | ± 0,3%                | ± 1 mm   | ± 0,15%                            |                   | ISO 10545-2          |
|                                                                                                                              | Thickness: deviation of the average thickness of each tile form the work size thickness                           | Squadrato ISO 13006                                               | ± 5%                  | ± 0,5 mm | ± 5%                               |                   |                      |
|                                                                                                                              | Straightness: maximum deviation to the corresonding work sizes                                                    | Squadrato ISO 13006                                               | ± 0,3%                | ± 0,8 mm | ± 0,10%                            |                   |                      |
|                                                                                                                              | Orthogonality: permissible deviation in relation to the corresponding manufacturing dimensions                    | Squadrato ISO 13006                                               | ± 0,3%                | ± 1,5 mm | ± 0,20%                            |                   |                      |
|                                                                                                                              | Flatness: center curvature, edge curvature, and warpage in relation to the corresponding manufacturing dimensions | Squadrato ISO 13006                                               | ± 0,4%                | ± 1,8 mm | 0,35%                              |                   |                      |
|                                                                                                                              | Surface quality                                                                                                   | A minimum of 95% of the tiles are to be free from visible defects |                       |          | Compliant                          |                   |                      |
|                                              | Water absorption, percent mass fraction                                                                           | ≤ 0,5%                                                            |                       |          | Average value 0,08%                |                   | ISO 10545-3          |
|                                              | Breaking strength in N (thickness < 7.5 mm)                                                                       | ≥ 1300                                                            |                       |          | Average value 2200 N               |                   | ISO 10545-4          |
|                                                                                                                              | Bending strength in N/mm <sup>2</sup>                                                                             | ≥ 35                                                              |                       |          | Average value 50 N/mm <sup>2</sup> |                   |                      |
|                                              | Resistance to deep abrasion                                                                                       | ≤ 175 mm <sup>3</sup>                                             |                       |          | Average value 140 mm <sup>3</sup>  |                   | ISO 10545-6          |
|                                              | Thermal shock resistance                                                                                          | Available testing method                                          |                       |          | Resistant                          |                   | ISO 10545-9          |
|                                              | Resistance to staining                                                                                            | Available testing method                                          |                       |          | Class 4                            | Class 5           | ISO 10545-14         |
|                                              | Resistance to low concentrations of acids and alkali                                                              | See manufacturer's declaration                                    |                       |          | LB                                 | LA                | ISO 10545-13         |
|                                                                                                                              | Resistance to household chemicals and swimming pool salts                                                         | Minimum class B                                                   |                       |          | A                                  |                   |                      |
|                                              | Frost resistance                                                                                                  | Required                                                          |                       |          | Resistant                          |                   | ISO 10545-12         |
|                                              | Dynamic coefficient of friction                                                                                   | See manufacturer's declaration                                    |                       |          | -                                  | ≥ 0,42 wet        | ANSI-A326.3          |
|                                                                                                                              |                                                                                                                   | See manufacturer's declaration                                    |                       |          | > 0,40                             |                   | METODO BCRA          |
|                                             | Shod ramp slipperiness                                                                                            | See manufacturer's declaration                                    |                       |          | -                                  | R9 (6° < α ≤ 10°) | DIN EN 16165 ANNEX B |