

## Product Technical Datasheet Breccia Gold M17811RT

Porcelain tiles | EN14411 - Annex G | Group Bla Nominal Size - 597 x 597 x 9.2 mm | Brand - Grespor



Collection - Breccia | Finish - Matte Recycled content - 32 %

## Packing and weights

|            |      |              |       | Kg    |        | R <sub>3</sub> |  |
|------------|------|--------------|-------|-------|--------|----------------|--|
| Pieces/Box |      | Boxes/Pallet |       |       | weight |                |  |
| unit       | m2   | Boxes        | m2    | Kg/m2 | Kg/Box | Kg/Pallet      |  |
| 3          | 1.07 | 40           | 42.80 | 21.30 | 22.80  | 932            |  |



|          |                                                                                                                           | Test                                                                                                                                                                                                                                         | Value/Standard<br>Tolerance                                                                                                                                      | Typical Product Value *                                                                                                                                                                                        | Test Standard                  |
|----------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|          |                                                                                                                           | Length and Width                                                                                                                                                                                                                             | ± 0.6%   MAX. ± 2mm                                                                                                                                              | ± 0.1%   ± 0.1%                                                                                                                                                                                                |                                |
|          |                                                                                                                           | Orthogonality                                                                                                                                                                                                                                | ± 0.5%   MAX. ± 2mm                                                                                                                                              | ± 0.3%                                                                                                                                                                                                         |                                |
| Sİ       | Dimensional Characteristics                                                                                               | Straightness                                                                                                                                                                                                                                 | ± 0.5%   MAX. ± 1.5mm                                                                                                                                            | ± 0.3%                                                                                                                                                                                                         | EN ISO 10545-2                 |
|          |                                                                                                                           | Flatness                                                                                                                                                                                                                                     | ± 0.5%   MAX. ± 2mm                                                                                                                                              | ± 0.3%                                                                                                                                                                                                         |                                |
|          |                                                                                                                           | Thickness                                                                                                                                                                                                                                    | ± 5%   MAX. ± 0.5mm                                                                                                                                              | ± 3%   MAX. ± 0.4mm                                                                                                                                                                                            |                                |
| 400      | Water Absorption                                                                                                          |                                                                                                                                                                                                                                              | E <= 0.5%                                                                                                                                                        | E <= 0.1%                                                                                                                                                                                                      | EN ISO 10545-3                 |
|          | Surface Abrasion                                                                                                          |                                                                                                                                                                                                                                              |                                                                                                                                                                  | V                                                                                                                                                                                                              |                                |
| J        | Linear Expansion                                                                                                          |                                                                                                                                                                                                                                              |                                                                                                                                                                  | <= 7.00E-06 / °C                                                                                                                                                                                               | EN ISO 10545-8                 |
| ****     | Thermal Shock Resistance                                                                                                  |                                                                                                                                                                                                                                              | Resistant                                                                                                                                                        |                                                                                                                                                                                                                | EN ISO 10545-9                 |
|          | Crazing Resistance                                                                                                        |                                                                                                                                                                                                                                              | Required                                                                                                                                                         | Guaranteed                                                                                                                                                                                                     | EN ISO 10545-11                |
| *        | Frost Resistance                                                                                                          |                                                                                                                                                                                                                                              | Must not produce noticeable alterations to surface                                                                                                               | Resistant                                                                                                                                                                                                      | EN ISO 10545-12                |
| Cd<br>Pb | Lead Release                                                                                                              |                                                                                                                                                                                                                                              | For special surfaces (for instance, kitchen counter)                                                                                                             | Test upon request                                                                                                                                                                                              | EN ISO 10545-15                |
| ₩.       | Rupture Modulus N/mm2  <br>Breaking Strength in N                                                                         |                                                                                                                                                                                                                                              | => 35N/mm2   => 1300N                                                                                                                                            | => 45N/mm2 / => 460Kg/cm2<br>  => 2100N                                                                                                                                                                        | EN ISO 10545-4                 |
|          |                                                                                                                           |                                                                                                                                                                                                                                              |                                                                                                                                                                  |                                                                                                                                                                                                                |                                |
|          | Test                                                                                                                      | Chemical Product                                                                                                                                                                                                                             | Value/Standard Tolerance                                                                                                                                         | Typical Product Value *                                                                                                                                                                                        | Test Standard                  |
|          | Test                                                                                                                      | Chemical Product Hydrochloric acid (18%)                                                                                                                                                                                                     | Value/Standard Tolerance                                                                                                                                         | Typical Product Value *  To be confirmed case by case                                                                                                                                                          | Test Standard                  |
|          | Test                                                                                                                      |                                                                                                                                                                                                                                              | Value/Standard Tolerance                                                                                                                                         |                                                                                                                                                                                                                | Test Standard                  |
| Såz      | Resistance to acids and bases (high                                                                                       | Hydrochloric acid (18%)                                                                                                                                                                                                                      | To report classification for low concentrations of acids and alkalis /                                                                                           | To be confirmed case by case                                                                                                                                                                                   | Test Standard                  |
| ***      |                                                                                                                           | Hydrochloric acid (18%)  Lactic acid (5%)                                                                                                                                                                                                    | To report classification for low                                                                                                                                 | To be confirmed case by case  To be confirmed case by case                                                                                                                                                     | Test Standard  EN ISO 10545-13 |
| ***      | Resistance to acids and bases (high                                                                                       | Hydrochloric acid (18%)  Lactic acid (5%)  Potassium hydroxide (100g/l)                                                                                                                                                                      | To report classification for low concentrations of acids and alkalis / Optional for high concentrations of                                                       | To be confirmed case by case  To be confirmed case by case  To be confirmed case by case                                                                                                                       |                                |
| ***      | Resistance to acids and bases (high                                                                                       | Hydrochloric acid (18%)  Lactic acid (5%)  Potassium hydroxide (100g/l)  Hydrochloric acid (3%)                                                                                                                                              | To report classification for low concentrations of acids and alkalis / Optional for high concentrations of                                                       | To be confirmed case by case                                                                                         |                                |
| *        | Resistance to acids and bases (high                                                                                       | Hydrochloric acid (18%)  Lactic acid (5%)  Potassium hydroxide (100g/l)  Hydrochloric acid (3%)  Citric acid (100g/l)                                                                                                                        | To report classification for low concentrations of acids and alkalis / Optional for high concentrations of                                                       | To be confirmed case by case                                                               |                                |
| *        | Resistance to acids and bases (high and low concentrations)  Resistance to cleaning products                              | Hydrochloric acid (18%)  Lactic acid (5%)  Potassium hydroxide (100g/l)  Hydrochloric acid (3%)  Citric acid (100g/l)  Potassium hydroxide (30g/l)  ammonium chloride (100g/l)                                                               | To report classification for low concentrations of acids and alkalis / Optional for high concentrations of acids and alkalis                                     | To be confirmed case by case Guaranteed                       |                                |
|          | Resistance to acids and bases (high and low concentrations)  Resistance to cleaning products                              | Hydrochloric acid (18%)  Lactic acid (5%)  Potassium hydroxide (100g/l)  Hydrochloric acid (3%)  Citric acid (100g/l)  Potassium hydroxide (30g/l)  ammonium chloride (100g/l)  Sodium hypochlorite (20mg/l)                                 | To report classification for low concentrations of acids and alkalis / Optional for high concentrations of acids and alkalis                                     | To be confirmed case by case Guaranteed Guaranteed            |                                |
| *        | Resistance to acids and bases (high and low concentrations)  Resistance to cleaning products Resistance to pool additives | Hydrochloric acid (18%)  Lactic acid (5%)  Potassium hydroxide (100g/l)  Hydrochloric acid (3%)  Citric acid (100g/l)  Potassium hydroxide (30g/l)  ammonium chloride (100g/l)  Sodium hypochlorite (20mg/l)  Olive Oil  Green Chromium/Iron | To report classification for low concentrations of acids and alkalis / Optional for high concentrations of acids and alkalis  Acids and alkalis  Minimum Class B | To be confirmed case by case Guaranteed Guaranteed Guaranteed | EN ISO 10545-13                |

<sup>\*</sup> Indicative value

















<sup>\*\*</sup> Tests carried out by certified external laboratories whose results are available upon request at head office. Pavigrés is available to prove in our own laboratories the technical characteristics of any purchased lot upon request. Anti-slip performance is garanteed at the time of delivery of the product.

It is guaranteed the compliance with the values required by norm EN 14411. Typical Pavigres reference value is merely indicative, which can vary from real data, and does not have the purpose of any trading proposal.