

Porcelain Tile

Thechnical Characteristics & Features Classification in Accordance With GEN EN 14411 Gruppe Bia GB (IDO 13006)

| Physical & Chemical Properties | Test Standards | Required Standards | | Goldis Tile Standards |
|---|----------------|-----------------------------|--------|-----------------------|
| dimensions | ISO 10545-2 | Length & Width | ± 0.6% | ± 0.5% |
| | | thickness | ± 5% | ± 4% |
| | | Linearity | ± 0.5% | ± 0.5% |
| | | Rectangularity | ± 0.6% | ± 0.4% |
| | | Surface Flatness | ± 0.5% | ± 0.5% |
| water absorpition | ISO 10545-3 | ≤0.5 | | ≤0.5 |
| breaking strength | ISO 10545-4 | thickness≥7.5mm: 1300N | | 1500N |
| bending strength | ISO 10545-4 | minimum 35N/mm ² | | 38N/mm ² |
| coefficient of linear thermal-expansion | ISO 10545-8 | ≤90x 10 ⁻⁷ | | ≤70x 10 ⁻⁷ |
| resistance to thermal & moistural | ISO 10545-11 | must be resistant in 5 bar | | is resistant in 6 bar |
| expansion (auto clave) | ISO 10545-13 | GB | | GB |
| chemical resistance | ISO 10545-14 | minimum 3 | | 4 |
| abrasive class | ISO 10545-7 | 3 | | 3 |
| surface resistance to scratching | IEN92 | 5 | | 6 |

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| dimensions | ISO 10545-2 | Length & Width | ± 0.6% | ± 0.5% |
| | | thickness | ± 5% | ± 4% |
| | | Linearity | ± 0.5% | ± 0.5% |
| | | Rectangularity | ± 0.6% | ± 0.4% |
| | | Surface Flatness | ± 0.5% | ± 0.5% |
| water absorpition | ISO 10545-3 | 0.5% < E < 3 | | 0.5% < E < 3 |
| breaking strength | ISO 10545-4 | thickness≥7.5mm: 1100N | | 1400N |
| bending strength | ISO 10545-4 | minimum 30N/mm ² | | 35N/mm ² |
| coefficient of linear thermal-expansion | ISO 10545-8 | ≤90x 10 ⁻⁷ | | ≤70x 10 ⁻⁷ |
| resistance to thermal & moistural | ISO 10545-11 | must be resistant in 5 bar | | is resistant in 6 bar |
| expansion (auto clave) | ISO 10545-13 | GB | | GB |
| chemical resistance | ISO 10545-14 | minimum 3 | | 4 |
| abrasive class | ISO 10545-7 | 3 | | 3 |
| surface resistance to scratching | IEN92 | 5 | | 6 |

Goldis Tile Profile and Coordinate Packaging

| Number of Cartons on a Pallet | Weight of a Carton(kg) | Total in Carton (no) | Area in Carton (m ²) | Average of Working Size (mm) | Nominal Size (cm) |
|-------------------------------|------------------------|----------------------|----------------------------------|------------------------------|-------------------|
| 42 | 24 | 3 | 1/08 | 605x605 | 60x60 |
| 72 | 23/5 | 6 | 1/08 | 605x305 | 60x30 |
| 80 | 20/5 | 9 | 1/08 | 200x600 | 20x60 |
| 60 | 20 | 11 | 1 | 150x600 | 15x60 |
| 72 | 20/5 | 4 | 1 | 505x505 | 50x50 |
| 76 | 18/7 | 6 | 0/96 | 400x400 | 40x40 |
| 78 | 19 | 12 | 1/08 | 300x300 | 30x30 |
| 66 | 17 | 15 | 1 | 150x450 | 15x45 |
| 96 | 15/5 | 25 | 1 | 200x200 | 20x20 |
| 52 | 27 | 2 | 1/08 | 600x900 | 60x90 |
| 60 | 25/5 | 6 | 1/08 | 200x900 | 20x90 |
| 56 | 25 | 8 | 1/08 | 150x900 | 15x90 |
| 60 | 25/5 | 4 | 1/08 | 300x900 | 30x90 |
| 72 | 19 | 6 | 1/08 | 305x605 | wall 30x60 |
| 64 | 18/5 | 9 | 1/08 | 200x600 | wall 20x60 |