

**Model "Delphi" wh**  
**Internal code: 4928KA**  
**Type: Ceramic Wall Tiles**  
**Group BIII, 250 x 500 x 9 mm**

| Characteristics<br>Group BIII, Annex L                               | Tolerance EN<br>14411:2016, %       | Tolerance<br>EN14411:2016,<br>mm    | Request values                      | Measured in KAI<br>laboratory        | Testing method  |
|----------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|-----------------|
| 1. Length/width, mm                                                  | ±0.5/max±2mm                        | ±1.25/±2.00                         | ±1.00/±1.50                         | 250.2 – 250.7 mm<br>500.1 – 501.6 mm | EN ISO 10545-2  |
| 2. Thickness, mm                                                     | ±10/max±0.5mm                       | ±0.50                               | 9.0 ± 0.5 mm                        | 8.8 - 9.00 mm                        | EN ISO 10545-2  |
| 3. Straightness of<br>sides,mm                                       | ±0.3/max±1.5mm                      | ±0.75/±1.50                         | ±0.60/±1.20 mm                      | -0.32– +0.16 mm                      | EN ISO 10545-2  |
| 4. Rectangularity, mm                                                | ±0.5/max±2mm                        | ±1.25/±2.00                         | ±1.10/±1.60 mm                      | -0.87 – +0.55 mm                     | EN ISO 10545-2  |
| 5. Centre curvature, mm                                              | 0.5/-0.3%/ max<br>2.0/-1.5mm        | 2.00/-1.50                          | +1.40/+0.50 mm                      | +0.71 – +1.31 mm                     | EN ISO 10545-2  |
| 6. Edge curvature, mm                                                | 0.5/-0.3%/ max<br>2.0/-1.5mm        | 1.25/-0.75<br>2.00/-1.50            | 1.00/-0.40mm<br>1.40/-0.40mm        | -0.21 – +1.19 mm                     | EN ISO 10545-2  |
| 7. Warpage, mm                                                       | ±0.5/max ±2.0mm                     | ±2.00                               | ±1.40 mm                            | -0.31 – +0.70 mm                     | EN ISO 10545-2  |
| 8. Surface quality                                                   | ≥95% without<br>defects             | ≥95% without<br>defects             | ≥98% without<br>defects             | Pass                                 | EN ISO 10545-2  |
| 9. Water absorption, %                                               | Eb>10%                              | Eb>10%                              | Eb>10%                              | 15.60 – 17.90 %                      | EN ISO 10545-3  |
| 10. Modulus of rupture,<br>N/mm <sup>2</sup>                         | ≥12 N/mm <sup>2</sup>               | ≥12 N/mm <sup>2</sup>               | ≥12 N/mm <sup>2</sup>               | Average: 25 N/mm <sup>2</sup>        | EN ISO 10545-4  |
| 11. Breaking strength, N                                             | ≥ 600 N                             | ≥ 600 N                             | ≥ 600 N                             | Average: 966 N                       | EN ISO 10545-4  |
| 12. Craze resistance,<br>glazed tiles                                | Pass according to<br>EN ISO 10545-1 | Pass according to<br>EN ISO 10545-1 | Pass according to<br>EN ISO 10545-1 | Resistant                            | EN ISO 10545-11 |
| 13. Resistance for<br>household chemicals<br>and swimming pool salts | Min class B                         | Min class B                         | Min class B                         | GA                                   | EN ISO 10545-13 |
| 14. Resistance to the low<br>concentration acids and<br>alkalis      | Declared value                      | Declared value                      | Declared value                      | GLA                                  | EN ISO 10545-13 |
| 15. Resistance to the<br>high concentration acids<br>and alkalis     | Declared value                      | Declared value                      | Declared value                      | GHA                                  | EN ISO 10545-13 |
| 16. Stain resistance                                                 | Declared value                      | Declared value                      | Min class 3                         | class 5                              | EN ISO 10545-14 |
| 17. MOHS                                                             | Declared value                      | Declared value                      | Declared value                      | 3.5                                  | EN 101: 1991    |

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