

# TECHNICAL DATA

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| <b>MANUFACTURER</b>                    | BELITE CERAMICS CO.,LTD.   |
| <b>PRODUCT NAME<br/>SIZE AND MODEL</b> | <b>SIMPLICITY</b><br>Ceramic Tiles - 600 x 300 x 7mm   |
| <b>TEST RESULTS</b>                    | The tested items comply with the requirements of the GB/T4100-2015 (Appendix L) GB6566-2010 criteria |

| TESTED ITEMS                            |  | REQUIRED STANDARD  | RESULTS                                |
|---|--|--|--|
| Surface quality                         |  | A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles | <b>CONFORM</b>                         |
| Length                                  |  | 600 (1±0.5% / MAX ±2.0)  | 599.9 - 600.2                          |
| Width                                   |  | 300 (1±0.5% / MAX ±2.0)  | 299.9 - 300.1                          |
| Thickness                               |  | 7 (1±10% / MAX ±0.5)   | 6.9 - 7.1                              |
| Side curvature                          |  | - 0.3 ~ + 0.5 %<br>Max. ± 1.5 % and ±2.0mm   | + 0.02 ~ + 0.03 %<br>+ 0.17 mm         |
| Centre curvature                        |  | - 0.3 ~ + 0.5 %<br>Max. ± 1.5 % and ±2.0mm   | + 0.01 ~ + 0.02 %<br>+ 0.15 mm         |
| Warpage                                 |  | ± 0.5 %<br>Max. ± 2.0mm  | - 0.03 ~ - 0.01%<br>- 0.21 mm          |
| Breaking Strength                       |  | ≥ 350  | 519                                    |
| Modulus of rupture                      |  | Average ≥ 15   | 22                                     |
|   |  | Individual ≥ 12  | 21 - 23                                |
| Water absorption                        |  | Average > 10 %   | 16                                     |
|   |  | Individual > 9 %   | 15 - 16                                |
| Crazing Resistance                      |  | After test, glazed tiles no cracks   | <b>CONFORM</b>                         |
| Resistance to stains                    |  | Minimum 3  | Class 5                                |
| Chemical resistance                     |  | Unglazed tiles : Minimum GB  | Class GA                               |
| Coefficient of linear thermal expansion |  | /  | 4.1 x 10 <sup>-6</sup> C <sup>-1</sup> |
| Thermal shock resistance                |  | /  | No cracking                            |