

## Ficha Y Características Del Porcelanato

### II. Introduction of Pollution Prevention and Maintenance

NEW KEDI ceramics tiles is famous for its natural and elegant, colorful and brilliant quality. It is used widely in many high class buildings and modern houses. Usually, it can keep its original graceful bearing so long as we pay more attention to it and clean the stains during paving and maintenance. Although its absorption is lower than any other brands, it is necessary to apply corresponding cleaning measure.

### 三. 产品性能对比 (Contrast of Product's Performance)

| 实验项目   | 瓷质抛光砖(POLISHED PORCELAIN TILES) |                         |                                 |
|--|---------------------------------|-------------------------|---------------------------------|
|  | 欧洲标准<br>EN176-91                | 国家标准<br>GB/T4100.1-1999 | 企业产品性能<br>SIMPOLO AVERAGE VALUE |
|  吸水率(%)<br>Water absorption(%)                                    | ≤0.5                            | ≤0.5                    | ≤0.2                            |
|  断裂模数(MPa)<br>Modulus of breakage(MPa)                           | ≥27                             | ≥35                     | ≥41.5                           |
|  破坏强度(N)<br>Breakage pressure(N)                                | ——                              | 厚>7.5mm时,<br>平均≥1300N   | ≥2500                           |
|  边长偏差(%)<br>Side(%)   | ±0.6                            | ±1.0mm                  | ±0.6mm                          |
|  厚度偏差(%)<br>Thickness(%)  | ±5                              | ±5                      | ±4                              |
|  表面平整度(%)<br>Surface flatness(%)                                | ±0.5                            | ±0.2                    | ±0.09                           |
|  直角度(%)<br>Rectangularity(%)                                    | ±0.6                            | ±0.2                    | ±0.1                            |
|  边直度(%)<br>Straightness of sides(%)                             | ±0.5                            | ±0.2                    | ±0.06                           |
|  耐磨性(mm <sup>3</sup> )<br>Abrasion resistance(mm <sup>3</sup> ) | ≤205                            | ≤175                    | ≤140                            |
|  莫氏硬度<br>Mohs hardness  | ≥6                              | ——                      | ≥6                              |
|  耐急冷急热<br>Resistance to thermal shock                           | 按合同                             | 145℃-15℃<br>循环10次不裂     | 符合                              |
|  抗冻性<br>Frost resistance  | ——                              | +5℃--5℃<br>循环100次不裂     | 符合                              |
|  耐日用化学品游泳池药用盐<br>Chemical resistance                            | 按合同                             | 按合同                     | UA                              |
|  耐酸碱性<br>Acid and alkali solutions                              | 按合同                             | 按合同                     | ULA.UHA                         |
|  光泽度<br>Resistance to glossiness                                | 按合同                             | ≥55                     | ≥60                             |
|  釉面抗龟裂性<br>Resistance to glaze cracking                         | ——                              | ——                      | ——                              |

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