






TECHNICAL DATA

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| MANUFACTURER | DOSUN TILES |
| PRODUCT NAME SIZE AND MODEL | SAND Size : 60 x 60 cm / 60 x 120 cm |

| TESTED ITEMS | | TEST STANDARDS | REQUIRED STANDARD | RESULTS |
|--|---|---|---|---|
| Length |  | GB/T 3810.2-2016 | ± 0.6 % | 0 ~ +0.01 |
| | | | MAX ±2.0 mm | -0.03 ~ +0.08 |
| Width |  | | ± 0.6 % | 0 ~ +0.01 |
| | | | MAX ±2.0 mm | -0.06 ~ +0.06 |
| Thickness |  | | ±5 % | 0 ~ +1.0 |
| | | | Maximum ±0.5mm | 0 ~ +1.0 |
| Water absorption |  | | ± 0.5 < E ≤ 3 | 0.72 % |
| | | | single maximum value ≤ 300 | 0.77 % |
| Breaking strength | Thickness (working size) ≥7.5mm | GB/T 3810.4-2016 | ≥ 1100 | 1492.3 N |
| Modulus of rupture (not applicable to tiles with break strength greater than 3000N) |  | | Average value ≥ 30 | 31.1 N/mm ² (Mpa) |
| | | | Average value ≥ 27 | 28.3 N/mm ² (Mpa) |
| Abrasive resistance | Glazed tiles surface abrasion resistance | GB/T 3810.7-2016 | Report Grade | 4 |
| | | | Report Revolution | 2100 |
| Resistance to chemicals Household and swimming pool salts | | GB/T3810.13- 2016 | Minimum GB | Class GA |
| Radioactivity | | GB 6566-2010 Limits of radionuclides in building materials | A : I _{Ra} ≤1.0 & I _T ≤1.3 B : I _{Ra} ≤1.3 & I _T ≤1.9 C : I _T ≤2.8 | I _{Ra} = 0.5 I _{Ra} = 0.9 Class A |
| Note | | According to the radioactivity level of decorative materials, radioactivity in GB 6566-2010 is divided into the following three classes Class A -this type product is not restricted to any sales and applications. Class B -this type product can not be used for such as residential, senile apartment, nurseries, hospitals and schools, office buildings, hotels and other I civil building interior surface, but can be used for such as shopping, culture, entertainment, bookstore, library, exhibition hall, gymnasium, public transportation waiting room, restaurant, barber shop II civil buildings, industrial buildings and all other building inside and outside decoration on inside surface. Class C-this type product only can be used in the building of the external decoration and other outdoor use. | | |