

Umbria

Porcelain Stone



3 Colours / 2 Finishes / 5 Sizes

Umbria is a porcelain tile range formed of contemporary sandstone colours that faithfully replicate its natural counterpart designed with fine grain, subtle shading and delicate mineral veining. It is a high-performance product created for cost-conscious projects.





DCYT 01

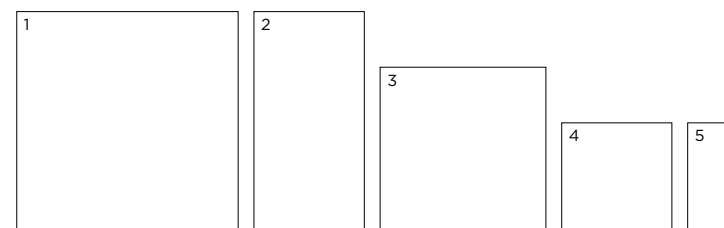


DCYT 02



DCYT 03

Sizes



| | Size (mm) | Thickness | Finish | Colour Availability |
|---|-----------------|-----------|--------------------------|----------------------------|
| 1 | 1198 x 1198 (R) | 9 | Natural | All colours |
| 2 | 1198 x 598 (R) | 9 | Natural Bush Hammered | All colours All colours |
| 3 | 898 x 898 (R) | 9 | Natural | All colours |
| 4 | 598 x 598 (R) | 9 | Natural Bush Hammered | All colours All colours |
| 5 | 598 x 298 (R) | 9 | Natural Bush Hammered | All colours All colours |

(R) Rectified size - square edge with bevel. Swatch colours may vary from original. Samples should be requested.

Umbria

Technical Data

Product Type: Unglazed Porcelain (BS EN 14411 – Group BIa)
Use: Floors & Walls
Product Code: DCYT

DIMENSION & SURFACE QUALITY

| Technical Characteristics | Industry Standards | Requirement | Actual Value |
|----------------------------|--------------------|------------------------|--------------|
| Length & width | BS EN ISO 10545-2 | ± 0.60% (max. ± 2.0mm) | Conforms |
| Thickness | BS EN ISO 10545-2 | ± 5% (max. ± 0.5mm) | Conforms |
| Edge straightness | BS EN ISO 10545-2 | ± 0.50% (max. ± 1.5mm) | Conforms |
| Orthogonality (squareness) | BS EN ISO 10545-2 | ± 0.50% (max. ± 2.0mm) | Conforms |
| Planarity (flatness) | BS EN ISO 10545-2 | ± 0.50% (max. ± 2.0mm) | Conforms |
| Appearance | BS EN ISO 10545-2 | > 95% | Conforms |

SLIP RESISTANCE

| Technical Characteristics | Industry Standards | Requirement | Finish |
|---|-----------------------------------|--|--------------------------|
| Areas with footwear | EN 16165:2021 Annex B / DIN 51130 | R10 from 10° to 19° R11 from 19° to 27° | Natural Bush Hammered |
| Areas with bare feet | EN 16165:2021 Annex A / DIN 51097 | B over 18° to 24° C over 24° | Natural Bush Hammered |
| Slip resistance (Pendulum) Coefficient of friction | BS EN 16165 | Test results upon request | |

PRODUCT QUALITY & DURABILITY

| Technical Characteristics | Industry Standards | Requirement | Actual Value |
|---|---|-----------------------|--|
| Water absorption | BS EN ISO 10545-3 | ≤ 0.5% | 0.05% (Typical value) |
| Modulus of rupture (bending strength) | BS EN ISO 10545-4 | ≥ 35 N/mm² | 50 N/mm² (Typical value) |
| Breaking strength | BS EN ISO 10545-4 | ≥ 1300 N | Conforms |
| Resistance to deep abrasion (unglazed tiles) | BS EN ISO 10545-6 | ≤ 175 mm³ | 145mm³ (Typical value) |
| Linear thermal expansion coefficient | BS EN ISO 10545-8 | Declared value | ≤7x10 ⁻⁶ °C ⁻¹ (Typical value) |
| Frost resistance | BS EN ISO 10545-12 | No surface alteration | Resistant |
| Chemical resistance: Low concentrations of acids & alkalis | BS EN ISO 10545-13 | No visible defects | ULA |
| High concentrations of acids & alkalis | BS EN ISO 10545-13 | No visible defects | UHA |
| Stain resistance | BS EN ISO 10545-14 | Declared value | Class 5 |
| Reaction to fire | Based on the decision 96/603/EC and its changes | A1 _{FL} /A1 | A1 _{FL} /A1 |
| Recycled content | | | 40% |



All test results are based upon current test data provided by the manufacturer and are provided in good faith. Domus Group cannot be held responsible for any variation in the test data due to changes in manufacture or material characteristics. Errors & omissions excepted. Please refer to Domus Group Terms & Conditions of Sale. February 2024