

AKDO™

DIAMETRIC

*Assertive. Audacious. Resolute.
Opposites attract.*



Far Beyond the Surface

DIAMETRIC

porcelain



Diametric Black 12x24
Matte PO2348-1224M0
Polished PO2348-1224P0



Diametric Black 24x24
Matte PO2348-2424M0
Polished PO2348-2424P0



Diametric White 12x24
Matte PO2349-1224M0
Polished PO2349-1224P0



Diametric White 24x24
Matte PO2349-2424M0
Polished PO2349-2424P0

CONVERSION CHART

| PROFILE | FIELD | SIZE |
|---------|------------|-------------------|
| 12x24 | 1.94 sqft | 11 7/8" x 23 5/8" |
| 24x24 | 3.875 sqft | 23 5/8" x 23 5/8" |

TECHNICAL FEATURES

| FEATURES | STANDARD TEST | WHITE MATTE | WHITE POLISHED | BLACK MATTE | BLACK POLISHED |
|---|------------------|--|--|--|--|
| Length & Width | ISO 10545-2 | 600x600mm +/- 0.6mm 298x600mm +/- 0.6mm | 600x600mm +/- 0.6mm 298x600mm +/- 0.6mm | 600x600mm +/- 0.6mm 298x600mm +/- 0.6mm | 600x600mm +/- 0.6mm 298x600mm +/- 0.6mm |
| Thickness | ISO 10545-2 | 9.7mm +/- 0.5mm | 9.8mm +/- 0.5mm | 9.5mm +/- 0.5mm | 8.8mm +/- 0.5mm |
| Straightness of Sides | ISO 10545-2 | ' +/- 0.5mm | ' +/- 0.5mm | ' +/- 0.5mm | ' +/- 0.5mm |
| Rectangularity | ISO 10545-2 | ' +/- 0.4mm | ' +/- 0.4mm | ' +/- 0.4mm | ' +/- 0.4mm |
| Surface Flatness | ISO 10545-2 | 300mm (-0.6+0.7mm) 600mm (-0.7+0.9mm) | 300mm (-0.6+0.7mm) 600mm (-0.7+0.9mm) | 300mm (-0.6+0.7mm) 600mm (-0.7+0.9mm) | 300mm (-0.6+0.7mm) 600mm (-0.7+0.9mm) |
| Water Absorption | ISO 10545-3 | 0.04% | 0.06% | 0.06% | 0.07% |
| Breaking Strength | ISO 10545-4 | 2720N | 2420N | 2307N | 1919N |
| Modulus of Rupture | ISO 10545-4 | R >= 35N/mm2 | R >= 35N/mm2 | R >= 35N/mm2 | R >= 35N/mm2 |
| Resistance to Deep Abrasion | ISO 10545-6 | | | | 102 |
| Thermal Shock Resistance | ISO 10545-9 | Pass | Pass | Pass | Pass |
| Frost Resistance | ISO 10545-9 | Pass | Pass | Pass | Pass |
| Household chemical & swimming pool salts Resistance | ISO 10545-13 | GA | UA | GA | UA |
| Low concentrations of acids & alkalis Resistance | ISO 10545-13 | ULA | ULA | ULA | ULA |
| High concentrations of acids & alkalis Resistance | ISO 10545-13 | UHA | UHA | UHA | UHA |
| Stain Resistance | ISO 10545-14 | Class 4 | Class 5 | Class 4 | Class 4 |
| Dynamic Coefficient of Friction | ANSI A137.1-2012 | 0.51 | <.42 | 0.67 | <.42 |