

TECHNICAL DATA SHEET LITHOTECH

Reference: **ALLURE LIGHT GREY, ANTHRACITE**

Size: 1620x3240 mm

Thickness: 12 mm

| TECHNICAL CHARACTERISTICS | | REFERENCE STANDARD | REQUIRED VALUE FINISH SOFT TEXTURED |
|-----------------------------|------------------------------------|----------------------|---|
| Dimensional characteristics | Dimensions - Length and width | ISO 10545-2 | ±2,0mm |
| | Thickness | | ± 0,5 mm |
| | Flatness Tolerance Width Slab | | ±2,0mm |
| | Flatness Tolerance Length Slab | | ±2,0mm |
| Physical characteristics | Water absorption | ISO 10545-3 | <0.1% |
| | Modulus of Rupture | ISO 10545-4 | > 50 N/mm ² |
| | Breaking Strength | | 5700 |
| | Impact Resistance | ISO 10545-5 | 0.80 |
| | Resistance to superficial abrasion | ISO 10545-7 | PEI 4 LIGHT GREY, PEI 3 ANTHRACITE |
| | Lineal Thermal Expansion | ISO 10545-8 | 5,7 x 10 ⁻⁶ °C ⁻¹ |
| | Thermal Shock Resistance | ISO 10545-9 | No effects or changes |
| | Coefficient of Expansion | ISO 10545-10 | < 0,1 mm/m |
| | Frost Resistance | ISO 10545-12 | Resistan |
| | Surface Hardness (MOHS) | UNE 67 -101 (EN 101) | 8 degree MOHS |
| Chemical characteristics | Resistance to Cleaning Products | ISO 10545-13 | GA |
| | Resistance to Swimming Pool Salts | ISO 10545-13 | GA |
| | Low Concentration Acids and Bases | ISO 10545-13 | GLA |
| | High Concentration Acids and Bases | ISO 10545-13 | GHA |
| | Stain Resistance | ISO 10545-14 | Class 5 |
| Lead and Cadmium Release | Lead Concentration | ISO 10545-15 | <0,01 mg/dm ² |
| | Cadmium Concentration | | <0,001 mg/dm ² |
| UV Resistance | Color Change | DIN 51094 | No Changed |
| Anti-Slip Properties | Critical Angle with footwear | DIN 51130 | Class R9 |
| | Critical Angle Barefoot | DIN 51097 | Class A |
| | Dynamic Coefficient of Friction | ANSI A137.1 | > 0,50 |
| | Slip Resistance (Pendulum Method) | UNE-ENV 12633 | Class 1 |