

| TEST  | NORM         | DETERMINATION                      | Unit                  | FINISH      |            |            |             |
|---|--------------|------------------------------------|-----------------------|-------------|------------|------------|-------------|
|   |              |                                    |                       | SATIN       | SILK       | POLISH     | RIVERWASHED |
| Determination of Dimensions and Surface Quality | ISO 10545-2  | Thickness*                         | mm                    | ± 0,2       | ± 0,2      | ± 0,2      | ± 0,2       |
|   |              | Flatness Tolerance Width Slab      | mm                    | ± 2 (0,1%)  | ± 2 (0,1%) | ± 2 (0,1%) | ± 2 (0,1%)  |
|   |              | Flatness Tolerance Length Slab     | mm                    | ± 4 (0,1%)  | ± 4 (0,1%) | ± 4 (0,1%) | ± 4 (0,1%)  |
|   |              | Dimension Tolerance**              | mm                    | ± 1 (0,2%)  | ± 1 (0,2%) | ± 1 (0,2%) | ± 1 (0,2%)  |
| Water Absorption Capacity                       | ISO 10545-3  | Absorption by Boiling*             | %                     | ≤ 0,5       | ≤ 0,5      | ≤ 0,5      | ≤ 0,5       |
|   |              | Density                            | gr/cm <sup>3</sup>    | 2,4         | 2,4        | 2,4        | 2,4         |
| Impact Resistance                               | ISO 10545-5  | Coefficient of Restitution         | -                     | 0,85        | 0,88       | 0,85       | 0,84        |
| Resistance to Deep Abrasion                     | ISO 10545-6  | Lost Volume                        | mm <sup>3</sup>       | -           | -          | 196        | -           |
| Resistance to superficial abrasion              | ISO 10545-7  | Visual Control                     | Clase                 | PEI III     | PEI II     | PEI I      | PEI II      |
| Linear Thermal Expansion                        | ISO 10545-8  | Expansion 25 - 100°C (Average)     | 10 <sup>-6</sup> . °C | 6           | 6          | 6          | 6           |
| Thermal Shock                                   | ISO 10545-9  | Damage                             | -                     | Sin Daños   | Sin Daños  | Sin Daños  | Sin Daños   |
| Moisture Expansion                              | ISO 10545-10 | Coefficient of Expansion           | mm/m                  | < 0,1       | < 0,1      | < 0,1      | < 0,1       |
| Frost Resistance                                | ISO 10545-12 | Damage                             | -                     | Sin Daños   | Sin Daños  | Sin Daños  | Sin Daños   |
| Chemical Resistance                             | ISO 10545-13 | Cleaning Products                  | Clase                 | UA          | GA         | GA         | GA          |
|   |              | Swimming Pool Salts                | Clase                 | UA          | GA         | GA         | GA          |
|   |              | Low Concentration acids and bases  | Clase                 | ULA         | GLA        | GLB        | GLA         |
|   |              | High Concentration acids and bases | Clase                 | UHA         | GHA        | GHB        | GHA         |
| Stain Resistance                                | ISO 10545-14 | Visual Control                     | Clase                 | 5           | 5          | 5          | 5           |
| Lead and Cadmium Release                        | ISO 10545-15 | Lead Concentration                 | mg/dm <sup>2</sup>    | <0,01       | <0,01      | <0,01      | <0,01       |
|   |              | Cadmium Concentration              | mg/dm <sup>2</sup>    | <0,001      | <0,001     | <0,001     | <0,001      |
| UV Resistance                                   | DIN 51094    | Color Change                       | -                     | Sin Cambio  | Sin Cambio | Sin Cambio | Sin Cambio  |
| Anti-slip Properties                            | DIN 51130    | Critical Angle with footwear       | Clase                 | R9          | R9         | -          | R10         |
|   | DIN 51097    | Critical Angle barefoot            | Clase                 | A           | A          | -          | A           |
|   | ANSI A137.1  | Dynamic Coefficient of Friction    | Clase                 | 0.41 – 0,57 | 0,42       | 0,21       | 0,53        |

\* Slabs without Mesh  
 \*\* Slabs/tiles Cut-to-Size

Thickness Specific Characteristics

| TEST              | NORM        | DETERMINATION                | Unit              | 3+  | 6mm  | 6+   | 12   | 20    |
|-------------------|-------------|------------------------------|-------------------|-----|------|------|------|-------|
| Weight            | -           | Grammage                     | Kg/m <sup>2</sup> | 8   | 14   | 75   | 29   | 48    |
|                   |             | Mass                         | Kg                | 38  | 67   | 72   | 148  | 245   |
| Flexural Strength | ISO 10545-4 | Breaking Strength (Average)  | N                 | 360 | 1380 | 1280 | 5770 | 17120 |
|                   |             | Modulus of Rupture (Average) | N/mm <sup>2</sup> | 49  | 55   | 55   | 60   | 67    |

La información antes mencionada es derivada de pruebas periódicas hechas con producto real procedente del proceso de fabricación. Los datos son actuales y precisos según nuestro leal saber y entender. Esta hoja de datos y las propiedades del producto pueden cambiar sin previo aviso. Los usuarios, proveedores y distribuidores deben comprobar que las fichas de datos que tienen, son los más recientes. Para obtener más información sobre Neolith visita [www.neolith.com](http://www.neolith.com).