

TECHNICAL SPECIFICATION

| Type Of Test                                                                                                                                                                                                    | Standard Test MS ISO13006                       | ISO Standard Requirement       | FERUNI                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------|--------------------------------|
| <b>Dimensions &amp; Surface Quality</b>                                                                                                                                                                         |                                                 |                                |                                |
|  Length & Width                                                                                                                 | ISO 10545 - 2                                   | ± 0.6%                         | ± 0.2%*                        |
|  Thickness                                                                                                                      | ISO 10545 - 2                                   | ± 5.0%                         | ± 5.0%                         |
|  Straightness of Sides                                                                                                          | ISO 10545 - 2                                   | ± 0.5%                         | ± 0.2%                         |
|  Rectangularity                                                                                                                 | ISO 10545 - 2                                   | ± 0.5%                         | ± 0.2%                         |
|  Surface Flatness <ul style="list-style-type: none"><li>• Centre Curvature</li><li>• Edge Curvature</li><li>• Warpage</li></ul> | ISO 10545 - 2<br>ISO 10545 - 2<br>ISO 10545 - 2 | ± 0.5%<br>± 0.5%<br>± 0.5%     | ± 0.2%<br>± 0.2%<br>± 0.2%     |
|  Surface Quality                                                                                                                | ISO 10545 - 2                                   | ≥ 95% free from visible defect | ≥ 95% free from visible defect |
| <b>Physical Properties</b>                                                                                                                                                                                      |                                                 |                                |                                |
|  Water Absorption                                                                                                               | ISO 10545 - 3                                   | Group Bla, E ≤ 0.5%            | Group Bla, E ≤ 0.2%            |
|  Breaking Strength                                                                                                              | ISO 10545 - 4                                   | ≥ 1300N                        | ≥ 1500N                        |
|  Modulus of Rupture                                                                                                             | ISO 10545 - 4                                   | Min. 35N/mm²                   | Min. 38N/mm²                   |
|  Surface Abrasion (PEI)                                                                                                         | ISO 10545 - 7                                   | Test Method Available          | Class 3                        |
|  Thermal Shock                                                                                                                  | ISO 10545 - 9                                   | No visible Crack               | No visible Crack               |
| <b>Chemical Properties</b>                                                                                                                                                                                      |                                                 |                                |                                |
|  Chemical Resistance                                                                                                            | ISO 10545 - 13                                  | Minimum GB                     | No Visible Effect (GB)         |
|  Stain Resistance                                                                                                               | ISO 10545 - 14                                  | Min. Class 3                   | Min. Class 3                   |

\* For size ≤200mm, the length & width is ±0.4mm

Packing List

| SIZES                                                                              | PCS/CTN                                                                            | CTN/PLT                                                                            | M2/CTN                                                                             | KG/CTN                                                                             | KG/PLT                                                                             |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| 600x600 / 24"x24"                                                                  | 4                                                                                  | 36                                                                                 | 1,44                                                                               | 30                                                                                 | 1080                                                                               |
| 300x600 / 12"x24"                                                                  | 8                                                                                  | 40                                                                                 | 1,44                                                                               | 30                                                                                 | 1200                                                                               |
| 200x600 / 8"x24"                                                                   | 12                                                                                 | 36                                                                                 | 1,44                                                                               | 30                                                                                 | 1080                                                                               |
| 150x600 / 6"x24"                                                                   | 16                                                                                 | 48                                                                                 | 1,44                                                                               | 30                                                                                 | 1440                                                                               |
| 100x600 / 4"x24"                                                                   | 24                                                                                 | 40                                                                                 | 1,44                                                                               | 30                                                                                 | 1200                                                                               |