



## DECLARATION OF PERFORMANCE

IN REFERENCE TO C.C'S IMPLEMENTATION THE INTERNATIONAL STANDARD; CONTROL SYSTEM TO ASSURE THE QUALITY OF OUR PRODUCTS, THE TESTS AND INSPECTIONS PERFORMED ON THE CERAMIC (FLOOR TILES) IN ACCORDANCE TO PRACTICAL EXECUTION METHODS CONFORMS TO EUROPEAN STANDARDS; (EN14411 GROUP BIIa Annex J) COMPLIES WITH ISO STANDARD 13006 GROUP (BIIa) .....Annex J AND THE RESULTS ARE:

| S. No. | Test item                                                         | Cleopatra central lab.    | Required by standard EN 14411 BIIa Annex I | Required by ISO standard 13006 BIIa Annex J | Test Standard |
|--------|-------------------------------------------------------------------|---------------------------|--------------------------------------------|---------------------------------------------|---------------|
| 1      | <b>Dimensions:</b>                                                |                           |                                            |                                             |               |
|        | 1-1 Length and width                                              | ± 0.4 %                   | ± 0.6 %                                    | ± 0.6 %                                     | ISO 10545-2   |
|        | 1-2 Thickness                                                     | ± 4 %                     | ± 5 %                                      | ± 5 %                                       | ISO 10545-2   |
|        | 1-3 Straightness of sides                                         | ± 0.2 %                   | ± 0.5 %                                    | ± 0.5 %                                     | ISO 10545-2   |
|        | 1-4 Rectangularity                                                | ± 0.15 %                  | ± 0.5 %                                    | ± 0.5 %                                     | ISO 10545-2   |
|        | 1-5 Surface flatness                                              |                           |                                            |                                             |               |
|        | a) Center curvature                                               | ± 0.2 %                   | ± 0.5 %                                    | ± 0.5 %                                     | ISO 10545-2   |
|        | b) Edge curvature                                                 | ± 0.2 %                   | ± 0.5 %                                    | ± 0.5 %                                     | ISO 10545-2   |
|        | c) Warpage                                                        | ± 0.15 %                  | ± 0.5 %                                    | ± 0.5 %                                     | ISO 10545-2   |
| 2      | Water absorption %                                                | Average 4 %               | 3 < E ≤ 6 %                                | 3 < E ≤ 6 %                                 | ISO 10545-3   |
| 3      | Modulus of rupture N/mm <sup>2</sup>                              | Min. 27 N/mm <sup>2</sup> | Min. 22/ Individual 20                     | Min. 22/ Individual 18                      |               |
|        | Breaking strength in N Thickness ≥ 7.5                            | Min. 1300                 | 1000                                       | 1000                                        | ISO 10545-4   |
|        | Thickness < 7.5                                                   |                           | 600                                        | 600                                         |               |
| 4      | Scratch hardness (MOH's scale)                                    | Min. 5.5                  | 5                                          | 5                                           | EN 101        |
| 5      | Impact resistance                                                 | Pass                      | Declared value                             | Available                                   | ISO 10545-5   |
| 6      | Surface abrasion                                                  | 750 Revolution Class 3    | As class                                   | As class                                    | ISO 10545-7   |
| 7      | Thermal expansion coefficient                                     | Pass                      | Declared value                             | Available                                   | ISO 10545-8   |
| 8      | Thermal shock resistance                                          | Pass                      | Pass                                       | Available                                   | ISO 10545-9   |
| 9      | Moisture Expansion                                                | Pass                      | Declared value                             | Available                                   | ISO 10545-10  |
| 10     | Crazing resistance                                                | Pass                      | Pass                                       | Required                                    | ISO 10545-11  |
| 11     | Frost Resistance                                                  | Pass                      | Declared value                             | Required                                    | ISO 10545-12  |
| 12     | Resistance to chemicals                                           | Class A                   | Available                                  | Available                                   | ISO 10545-13  |
| 13     | Resistance to staining                                            | Class 5                   | Min class 3                                | Min class 3                                 | ISO 10545-14  |
| 14     | Lead and cadmium Release                                          | Pass                      | Declared value                             | Available                                   | ISO 10545-15  |
| 15     | Small colour differences                                          | No change                 | ΔE < 0.75                                  | ΔE < 0.75                                   | ISO 10545-16  |
| 16     | Coefficient of friction                                           | Min. 0.4                  | Declared value                             | -                                           | ISO 10545-17  |
| 17     | Surface quality<br>(Min tiles shall be free from visible defects) | 97 %                      | Min 95 %                                   | Min 95 %                                    | ISO 10545-2   |

Definition : Floor Ceramic Tile -Astrid grey

Thickness : 9.8

We declare that these products are applied to European standards (EN 14411 – 2016 BIIa) matching to CE marking requirements so we have an authorization to label all of these products with CE mark.

Quality Control Manager  
Signature:



Top Management  
Signature: