Conforme alla norma EN 14411:2012 (ISO 13006:2012) Appendice L Gruppo BIII
Complies with EN 14411:2012 (ISO 13006:2012) Appendix L Group BIII
Conforme ђ la norme EN 14411:2012 (ISO 13006:2012) Appendice L Groupe BIII
Entsprechend EN 14411:2012 (ISO 13006:2012) Anhang L Gruppe BIII
Conforme a la norma EN 14411:2012 (ISO 13006:2012) Ap™ndice L Grupo BIII
Соответствует норме EN 14411:2012 (ISO 13006:2012) Приложение L Группа BIII

| Technical features<br>Technical features | Metodo di prova<br>Metodo di prova | Requisiti per dimensione nominale N - 2<br>Requisiti per dimensione nominale N | | | DWELL Wall | |
|---|---|---|---|---|---|---|
| | | 7cm <= N <= 15 cm | N >= 15 cm | | | |
| | | (mm) | (%) | (mm) | 3D Shiny | Shiny |
| Length and width<br>Length and width | | ±0,9 (*) | ±0,6 (*) | ±2,0 (*) | ±0.3%<br>±1.0mm | ±0.3%<br>±1.0mm |
| Thickness<br>Thickness | | ±0,5 (**) | ±5 (**) | ±0,5 (**) | ±10.0%<br>±0.5mm | ±10.0%<br>±0.5mm |
| Regularity features<br>Straightness of sides<br>Straightness of sides | ISO 10545-2 | ±0,5 (**) | ±5 (**) | ±0,5 (**) | ±0.3%<br>±0.8mm | ±0.3%<br>±0.8mm |
| Regularity features<br>Rectangularity<br>Rectangularity | | ±0,5 (**) | ±5 (**) | ±0,5 (**) | ±0.3%<br>±1.5mm | ±0.3%<br>±1.5mm |
| Surface flatness<br>Surface flatness | ISO 10545-2 | c.c. ±0,75<br>e.c. ±0,75<br>w. ±0,75 | c.c. ±0,5<br>e.c. ±0,5<br>w. ±0,5 | c.c. ±2,0<br>e.c. ±2,0<br>w. ±2,0 | ±0.3%<br>±1.5mm | ±0.3%<br>±1.5mm |

| | | | EN 14411 appendix G (Group BIa)<br>EN 14411 appendix G (Group BIa) | ISO 13006 appendix G (Group BIa)<br>ISO 13006 appendix G (Group BIa) | | |
|---|---|---|---|---|---|---|
| Structural features<br>Massa d'acqua assorbita (in% by mass)<br>Structural features<br>Massa d'acqua assorbita (come % della massa) | ISO 10545-3 | Media >10%. Se questo valore > 20%, deve essere indicato. Valore Singolo > 9%<br>Media >10%. Se questo valore > 20%, deve essere indicato. Valore Singolo > 9% | | | 10%<EB<=20% | 10%<EB<=20% |
| Bulk mechanical features<br>Breaking strength<br>Breaking strength | ISO 10545-4 | S >= 1300 N | | | S >=600 N | S >=600 N |
| Bulk mechanical features<br>Modulus of Rupture<br>Modulus of Rupture | | R >= 35 N/mm2 | | | R >=15 N/mm2 | R >=15 N/mm2 |
| Linear Thermal Expansion Coefficient<br>Linear Thermal Expansion Coefficient | ISO 10545-8 | Declare a value<br>Declare a value | Metodo di prova disponibile<br>Metodo di prova disponibile | | <=7 1/mk | <=7 1/mk |
| Thermo-igrometric features<br>Thermal shock resistance<br>Thermal shock resistance | ISO 10545-9 | Test superato in accordo con ISO 10545-1<br>Test superato in accordo con ISO 10545-1 | Metodo di prova disponibile<br>Metodo di prova disponibile | | Resiste | Resiste |
| Thermo-igrometric features<br>Expansion due to humidity (mm/m)<br>Expansion due to humidity (mm/m) | ISO 10545-10 | Declare a value<br>Declare a value | Metodo di prova disponibile<br>Metodo di prova disponibile | | <=0.06% (0.6mm/m) | <=0.06% (0.6mm/m) |
| Frost resistance<br>Frost resistance | ISO 10545-9 | Test superato in accordo con ISO 10545-1<br>Test superato in accordo con ISO 10545-1 | Metodo di prova richiesto<br>Metodo di prova richiesto | | 0 | 0 |
| Physical properties<br>Bond Strength<br>Bond Strength | EN 1348 | Declare a value<br>Declare a value | -<br>- | | >=1.0 N/mm2 (Class C2 - EN 12004) | >=1.0 N/mm2 (Class C2 - EN 12004) |
| Physical properties<br>Reaction to fire<br>Reaction to fire | - | Declare a value<br>Class A1 or A1 fl | -<br>- | | A1 | A1 |
| Resistance to household chemicals and swimming pool salts<br>Resistance to household chemicals and swimming pool salts | ISO 10545-13 | Minimum Class B (GB for unglazed tiles)<br>Minimum Class B (GB for unglazed tiles) | | | GA | GA |
| Chemical features<br>Resistance to low concentrations of acids and alkalis<br>Resistance to low concentrations of acids and alkalis | | Declare a class<br>Declare a class | Metodo di prova disponibile<br>Metodo di prova disponibile | | GLA | GLA |
| Chemical features<br>Resistance to high concentrations of acids and alkalis<br>Resistance to high concentrations of acids and alkalis | | Declare a class<br>Declare a class | Metodo di prova disponibile<br>Metodo di prova disponibile | | GHA | GHA |
| Stain resistance<br>Stain resistance | ISO 10545-14 | Minimum Class 3<br>Minimum Class 3 | | | GA | GA |

(*) The permissible deviation, in % or mm, of the average size for each tile (2 or 4 sides) from work size (W).
(**) The permissible deviation, in % or mm, of the average thickness for each tile from the work size thickness (W).
(***) The maximum permissible deviation from straightness, in % or mm, related to the corresponding work sizes (W).
(****) The maximum permissible deviation from rectangularity, in % or mm, related to the corresponding work sizes (W).
c.c. The maximum permissible deviation from centre curvature, in % or mm, related to diagonal calculated from the work sizes (W).
e.c. The maximum permissible deviation from edge curvature, in % or mm, related to the corresponding work sizes (W).
w The maximum permissible deviation from warpage, in % or mm, related to diagonal calculated from the work sizes (W).
(1) Requirements european standard EN 176.
(2) Determination of slip resistance of pedestrian surfaces; it does not cover sports surfaces and road surfaces for vehicles (skid resistance).