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|-------------------------|---|--|--|
| Formats Sizes | 40x80 cm 15 3/4" x 31 1/2" ± 8,5mm | 40x80 cm 15 3/4" x 31 1/2" ± 10mm | |
|-------------------------|---|--|--|

| | Caratteristica tecnica Characteristics | Metodo di prova Test Method | Requisiti per dimensione nominale N Requirements for nominal size N | | | ARKSHADE WALL | | |
|---|---|--------------------------------|---|---|------------------|------------------|--|--|
| | | | 7 cm ≤ N < 15 cm | N ≥ 15 cm | | Matt | Matt ± 10mm 40x80 cm | |
| | | | (mm) | (%) | (mm) | | | |
| Caractéristiques de régularité Regularity characteristics | | ISO 10545-2 | Longueur et largeur Length and width | ± 0,75 (*) | ± 0,5 (*) | ± 2,0 (*) | ±0.3% ±1.0mm | ±0.3% ±1.0mm |
| | | | Épaisseur Thickness | ± 0,5 (**) | ± 10 (**) | ± 0,5 (**) | ±10.0% ±0.5mm | ±10.0% ±0.5mm |
| | | | Straightness of sides Straightness of sides | ± 0,5 (***) | ± 0,3 (***) | ± 1,5 (***) | ±0.3% ±0.8mm | ±0.3% ±0.8mm |
| | | | Rectangularity Orthogonalité | ± 0,75 (****) | ± 0,5 (****) | ± 2,0 (****) | ±0.3% ±1.5mm | ±0.3% ±1.5mm |
| | | ISO 10545-2 | Planimétrie Surface flatness | c.c. + 0,75 - 0,50 | c.c. + 0,5 - 0,3 | c.c. + 2,0 - 1,5 | ±0.3% ±1.5mm | Not Applicable |
| | | | e.c. + 0,75 - 0,50 | e.c. + 0,5 - 0,3 | e.c. + 2,0 - 1,5 | | | |
| Structural characteristics Structural features | | ISO 10545-3 | Masse d'eau absorbée (come % della massa) Water absorption level (in% by mass) | Media >10%. Se questo valore > 20%, deve essere indicato. Valore Singolo > 9% Average >10%. When the average > 20%, this shall be indicated. Individual value > 9% | | | 10%<EV≤20% | 10%<EV≤20% |
| Caractéristiques mécaniques massives Bulk mechanical features | | ISO 10545-4 | Force de rupture Breaking strength | S ≥ 600N | | | S ≥600 N | S ≥600 N |
| | | | Résistance à La Flexion Modulus of Rupture | R ≥ 15 N/mm ² | | | R ≥15 N/mm ² | R ≥15 N/mm ² |
| Caratteristiche Termo-Igrometriche Thermo-igrometric features | | ISO 10545-8 | Coefficient de dilatation thermique linéique Coefficient of linear thermal expansion | Valore dichiarato Declared value | | | ≤7 1/mk | ≤7 1/mk |
| | | ISO 10545-9 | Résistance aux écarts de température Thermal shock resistance | Test superato in accordo con ISO 10545-1 Pass according to EN ISO 10545-1 | | | Resiste | Resiste |
| | | ISO 10545-10 | Dilatazione all'umidità (in mm/m) Moisture expansion (in mm/m) | Valore dichiarato Declared value | | | ≤0.06% (0.6mm/m) | ≤0.06% (0.6mm/m) |
| | | ISO 10545-11 | Resistenza al cavillo: piastrelle smaltate Crazing resistance: glazed tiles | Test superato in accordo con ISO 10545-1 Pass according to EN ISO 10545-1 | | | | |
| Proprietà Fisiche Physical properties | | EN 1348 | Effort de cohésion Bond strength/adhesion for improved cementitious adhesives | Valore dichiarato Declared value | | | ≥1.0 N/mm ² (Class C2 - EN 12004) | ≥1.0 N/mm ² (Class C2 - EN 12004) |
| | | - | Réaction au feu Reaction to fire | Classe A1 Class A1 | | | A1 | A1 |
| Caractéristiques chimiques Chemical features | | ISO 10545-13 | Résistance aux produits chimiques à usage domestique et aux adjuvants pour piscine Resistance to household chemicals and swimming pool salts | Classe minima B Minimum Class B | | | GA | GA |
| | | | Résistance aux acides et aux alcalis à basse concentration Resistance to low concentrations of acids and alkalis | Classe dichiarata Declared Class | | | GLA | GLA |
| | | | Résistance aux acides et aux alcalis à haute concentration Resistance to high concentrations of acids and alkalis | Classe dichiarata Declared Class | | | GHA | GHA |
| | | ISO 10545-14 | Resistenza alle macchie piastrelle smaltate Resistance to staining for glazed tiles | Classe 3 minima Minimum Class 3 | | | 5 | 5 |
| | | ISO 10545-15 | Rilascio di sostanze pericolose: Cadmio (in mg/dm2) e Piombo (in mg/dm2) Rilascio di sostanze pericolose: Cadmio (in mg/dm2) e Piombo (in mg/dm2) | Valore dichiarato Declared value | | | ≤0.01mg/dm2 Cd ≤ 0.1mg/dm2 Pb | ≤0.01mg/dm2 Cd ≤ 0.1mg/dm2 Pb |

* Deviazione ammissibile, in % oppure mm, della dimensione media di ogni piastrella (2 oppure 4 lati) dalla dimensione di fabbricazione (W).
The permissible deviation, in % or mm, of the average size for each tile (2 or 4 sides) from work size (W).

** Deviazione ammissibile, in % oppure mm, dello spessore medio di ogni piastrella dallo spessore riportato nella dimensione di fabbricazione (W).
The permissible deviation, in % or mm, of the average thickness for each tile from the work size thickness (W).

*** Deviazione massima ammissibile di rettilineità, in % oppure mm, in rapporto alle dimensioni di fabbricazione (W) corrispondenti.
The maximum permissible deviation from straightness, in % or mm, related to the corresponding work sizes (W).

**** Deviazione massima ammissibile di ortogonalità, in % oppure mm, in rapporto alle dimensioni di fabbricazione (W) corrispondenti.
The maximum permissible deviation from rectangularity, in % or mm, related to the corresponding work sizes (W).

c.c. Deviazione massima ammissibile della curvatura del centro, in % oppure mm, in rapporto alla diagonale calcolata secondo le dimensioni di fabbricazione (W).
The maximum permissible deviation from centre curvature, in % or mm, related to diagonal calculated from the work sizes (W).

e.c. Deviazione massima ammissibile della curvatura dello spigolo, in % oppure mm, in rapporto alle dimensioni di fabbricazione (W) corrispondenti.
The maximum permissible deviation from edge curvature, in % or mm, related to the corresponding work sizes (W).

w. Deviazione massima ammissibile dello svergolamento, in % oppure mm, in rapporto alla diagonale calcolata secondo le dimensioni di fabbricazione (W).
The maximum permissible deviation from warpage, in % or mm, related to diagonal calculated from the work sizes (W).

Determinazione della resistenza allo scivolamento delle superfici pedonabili; non si applica alle pavimentazioni sportive ed alle pavimentazioni stradali veicolari.
Determination of slip resistance of pedestrian surfaces; it does not cover sports surfaces and road surfaces for vehicles (skid resistance).

(1) Le prestazioni anti-slip vengono garantite al momento della consegna del prodotto.
Anti-slip performance is guaranteed at the time of delivery of the product.

However, tiles with a DCOF of 0.42 or greater are not necessarily suitable for all projects.

(2) The specifier shall determine tiles appropriate for specific project conditions, considering by way of example, but not in limitation, type of use, traffic, expected contaminants, expected maintenance, expected wear, and manufacturers' guidelines and recommendations."

(3) For further details, please refer to outdoor design general catalogue.

(4) Only for products with 20 mm thickness.