

Features – EN 14411 ISO 13006

|                                                                                    |                                                | Regulation                                                       | Required standards                                        |                                                                                  | Refin Value            |
|------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------|------------------------|
|    | Dimensions                                     | UNI EN ISO 10545/2                                               |                                                           | Not rectified                                                                    | Rectified              |
|                                                                                    |                                                |                                                                  | → Length and width                                        | ± 0,6 %<br>max 2mm                                                               | ± 0,3 %<br>max 1mm     |
|                                                                                    |                                                |                                                                  | → Thickness                                               | ± 5 %<br>max 0,5mm                                                               | ± 5 %<br>max 0,5mm     |
|                                                                                    |                                                |                                                                  | → Linearity                                               | ± 0,5 %<br>max 1,5mm                                                             | ± 0,3 %<br>max 0,8mm   |
|                                                                                    |                                                |                                                                  | → Wedging                                                 | ± 0,5 %<br>max 2mm                                                               | ± 0,3 %<br>max 1,5mm   |
|                                                                                    |                                                |                                                                  | → Warpage                                                 | ± 0,5 %<br>max 2mm                                                               | ± 0,4 %<br>max 1,8mm   |
|                                                                                    |                                                |                                                                  |                                                           |                                                                                  |                        |
|    | Water absorption                               | UNI EN ISO 10545/3                                               | ≤ 0,5 %                                                   |                                                                                  | 0,2%                   |
|    | Flexual Strength                               | UNI EN ISO 10545/4                                               | ≥ 35 N/mm²                                                |                                                                                  | Compliant              |
|                                                                                    |                                                |                                                                  | S ≥ 1300 N (thickness ≥ 7,5 mm)                           |                                                                                  | Compliant              |
|    | Coefficient of restitution (COR)               | UNI EN ISO 10545/5                                               | Recommended value ≥ 0,55                                  |                                                                                  | Compliant              |
|    | Deep abrasion resistance                       | UNI EN ISO 10545/6                                               | ≤ 175 mm³                                                 |                                                                                  | Compliant              |
|    | Abrasion resistance                            | UNI EN ISO 10545/7                                               | PEI<br>/ Only for glazed tiles                            |                                                                                  |                        |
|    | Coefficient of thermal linear expansion        | UNI EN ISO 10545/8                                               | Tests method available                                    |                                                                                  | ≤ 7 · MK <sup>-1</sup> |
|    | Thermal shock resistance                       | UNI EN ISO 10545/9                                               | No sample must show visible defects                       |                                                                                  | Compliant              |
|   | Moisture expansion                             | UNI EN ISO 10545/10                                              | Tests method available                                    |                                                                                  | ≤ 0,01 %<br>(0,1 mm/m) |
|  | Fire resistance/                               | UNI EN ISO 13501-1                                               | Declare a value Classe A1                                 |                                                                                  | A1 <sub>f</sub>        |
|  | Frost resistance                               | UNI EN ISO 10545/12                                              | Resistant                                                 |                                                                                  | Compliant              |
|  | Chemical resistance                            | UNI EN ISO 10545/13                                              |                                                           |                                                                                  |                        |
|                                                                                    |                                                |                                                                  | Resistance to household chemicals and swimming pool salts | Minimum class B (GB for glazed tiles)<br>Minimum class B (UB for unglazed tiles) | Compliant              |
|                                                                                    |                                                |                                                                  | Resistance to low concentrations of acids and alkalis     | Declare a class<br>Tests method available                                        | ULA                    |
|                                                                                    |                                                |                                                                  | Resistance to high concentrations of acids and alkalis    | Declare a class<br>Tests method available                                        | UHA                    |
|                                                                                    |                                                |                                                                  |                                                           |                                                                                  |                        |
|  | Stain resistance                               | UNI EN ISO 10545/14                                              | UGL Declare a value                                       |                                                                                  | Class 5                |
|                                                                                    |                                                |                                                                  | GL ≥ 3                                                    |                                                                                  |                        |
|  | Lead and cadmium discharge                     | UNI EN ISO 10545/15                                              | Declared value for GL tiles                               |                                                                                  |                        |
|  | Assessment of slip resistance                  | DIN 51130                                                        | Declare a value (R)                                       |                                                                                  | R10                    |
|                                                                                    |                                                | DIN 51097                                                        | Declare a value (A+B+C)                                   |                                                                                  |                        |
|                                                                                    |                                                | BS 7976-2:2002 (CEN/TS 16165, Annex C)<br>Pendulum Friction Test | Declare a value                                           |                                                                                  |                        |
|  | Measurement of dynamic coefficient of friction | B.C.R.A. Rep. CEC/81                                             | Asciutto > 0,40 / Bagnato > 0,40                          |                                                                                  | Compliant              |
|                                                                                    |                                                | ANSI A137.1-2012 (BOT3000)                                       | > 0,42 Wet                                                |                                                                                  | Compliant              |

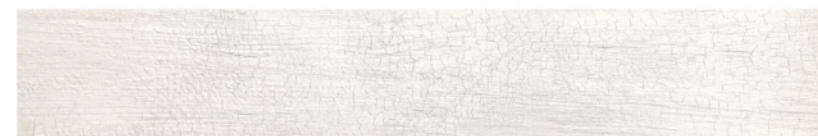
• Per piastrelle rettangolari, che abbiano il lato maggiore L≥ 60 cm, e rapporto tra i lati ≥ 3, la misurazione della ortogonalità deve venire condotta solo sul lato corto.  
For oblong tiles with L≥ 60 cm and ratio length/width L/W≥3, measurement of rectangularity only on short edges

KASAI





KASAI



KASAI CARTA  
73KAS-CAR-1060  
Size: 9.85x59"



KASAI FUMO  
73KAS-FUM-1060  
Size: 9.85x59"

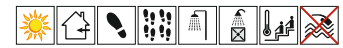


KASAI NOTTE 73KAS-  
NOT-1060 Size:  
9.85x59"



KASAI CARTA KOI  
73KAS-CAR-KOI  
Size: 9.85x59"

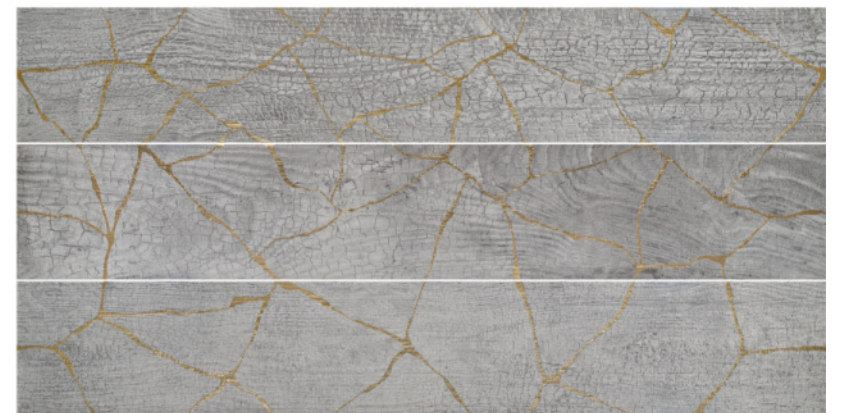




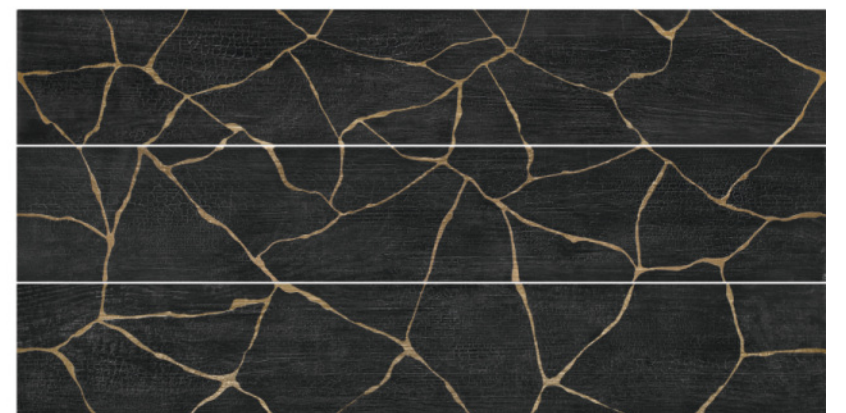
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KASAI CARTA KINTSU  
73KAS-CAR-KIN  
Size: 9.85x59"

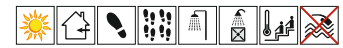


KASAI FUMO KINTSU  
73KAS-FUM-KIN  
Size: 9.85x59"



KASAI NOTTE KINTSU  
73KAS-NOT-KIN  
Size: 9.85x59"

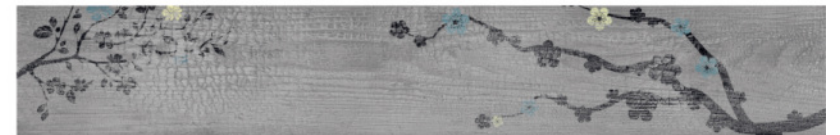




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KASAI CARTA SAKURA  
73KAS-CAR-SAK  
Size: 9.85x59"



KASAI FUMO SAKURA  
73KAS-FUM-SAK  
Size: 9.85x59"



KASAI NOTTE SAKURA  
73KAS-NOT-SAK  
Size: 9.85x59"