

# cosmos



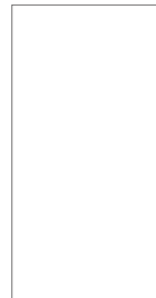
## indoor&outdoor

  
CERAMICHE DAL 1938

# COSMOS

## indoor&outdoor

Indoor



45x90  
18"x36"



30x60  
29,7x59,5 Rett.  
12"x24"

Outdoor



30x60  
29,7x59,5 Rett.  
12"x24"



15x30  
6"x12"

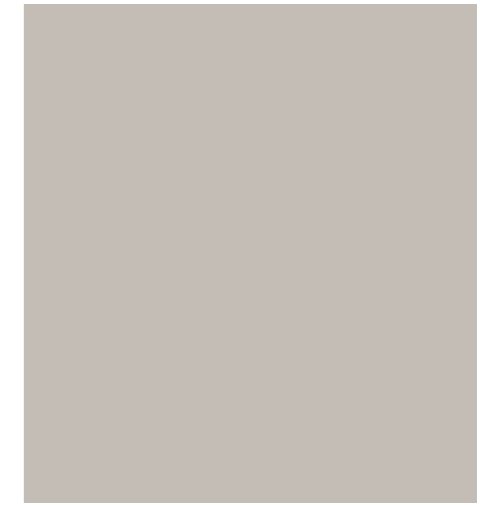
| Superfici  | In  | Out   |
|--|---|---|
| Surfaces<br>Surfaces<br>Oberflächen<br>Поверхность | Superficie naturale<br>Natural surface<br>Surface naturelle<br>Matt Oberfläche<br>Натуральный поверхность | Superficie per esterni<br>Surface for external use<br>Berfläche für Aussenbereich<br>Finition pour l'extérieur<br>Поверхность для внешней укладки |



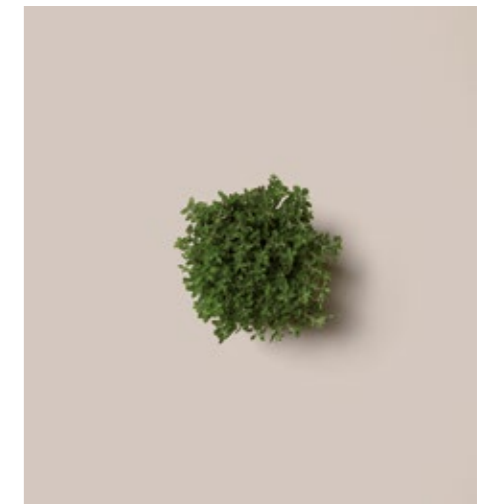
GESSO



CEMENTO



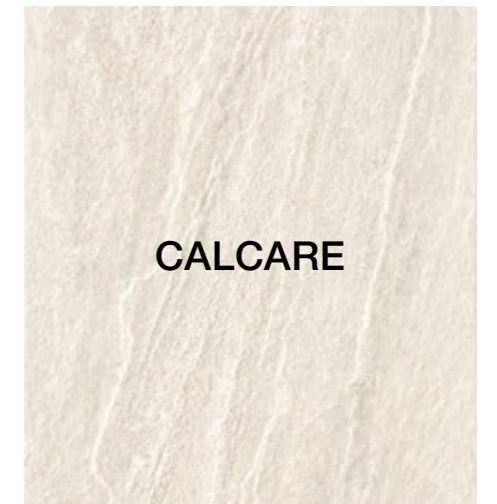
OSSIDO



CALCARE



GRAFITE



cosmos  
**GESSO**



**saima**  
CERAMICHE DAL 1938



Cosmos Indoor Gesso



**saimē**  
COSMOS

30x60 . 12"x24" Cosmos Indoor Gesso

cosmos  
**CALCARE**



**saima**  
CERAMICHE DAL 1938



Cosmos Indoor Calcare



**saima**  
COSMOS

30x60 . 12"x24" Cosmos Indoor Calcare

cosmos  
**CEMENTO**





saime  
COSMOS

30x60 . 12"x24" Cosmos Indoor Cemento



cosmos  
**OSSIDO**



**saima**  
CERAMICHE DAL 1938

Cosmos Indoor Ossido



saime  
cosmos

30x60 . 12"x24" Cosmos Indoor Ossido

cosmos  
**GRAFITE**



**saima**  
CERAMICHE DAL 1938



Cosmos Indoor Grafite



saimē  
COSMOS

30x60 . 12"x24" Cosmos Indoor Grafite

# cosmos

outdoor



saime  
cosmos

30x60 . 12"x24" Cosmos Outdoor Ossido



## TECHNICAL SECTION

| Superfici  | In  | Out   |
|--|---|---|
| Surfaces<br>Surfaces<br>Oberflächen<br>Поверхность | Superficie naturale<br>Natural surface<br>Surface naturelle<br>Matt Oberfläche<br>Натуральный поверхность | Superficie per esterni<br>Surface for external use<br>Berfläche für Aussenbereich<br>Finition pour l'extérieur<br>Поверхность для внешней укладки |

Gres porcellanato con colorazione in massa.  
Porcelain stoneware with mass colouring.  
Grès cérame avec pate colorée.  
Durchgefärbtes Feinsteinzeug.  
Фарфоровый керамогранит, окрашенный по всей толщине.

## GESSO



## CALCARE



## CEMENTO



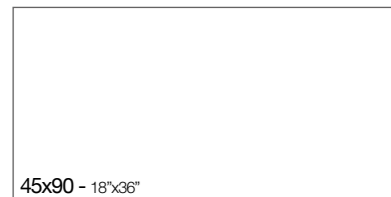
## OSSIDO



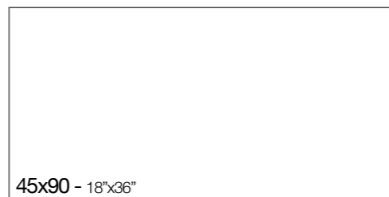
## GRAFITE



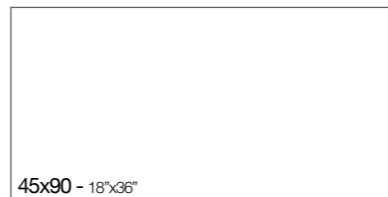
## In



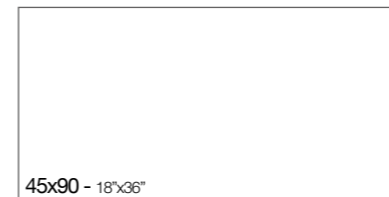
45x90 - 18"x36"  
7600021 Indoor Rett. 99 ●



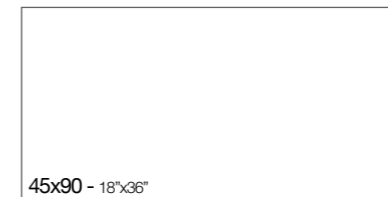
45x90 - 18"x36"  
7960081 Indoor Rett. 99 ●



45x90 - 18"x36"  
7600031 Indoor Rett. 99 ●



45x90 - 18"x36"  
7600041 Indoor Rett. 99 ●



45x90 - 18"x36"  
7600051 Indoor Rett. 99 ●



30x60 - 12"x24"  
7679271 Indoor 78 ●  
29,7x59,5 - 12"x24"  
7679311 Indoor Rett. 85 ●



30x60 - 12"x24"  
7679261 Indoor 78 ●  
29,7x59,5 - 12"x24"  
7679351 Indoor Rett. 85 ●



30x60 - 12"x24"  
7679291 Indoor 78 ●  
29,7x59,5 - 12"x24"  
7679321 Indoor Rett. 85 ●



30x60 - 12"x24"  
7679301 Indoor 78 ●  
29,7x59,5 - 12"x24"  
7679331 Indoor Rett. 85 ●



30x60 - 12"x24"  
7679281 Indoor 78 ●  
29,7x59,5 - 12"x24"  
7679341 Indoor Rett. 85 ●

## Out



30x60 - 12"x24"  
7679371 Outdoor 78 ●  
29,7x59,5 - 12"x24"  
7679421 Outdoor Rett. 85 ●



30x60 - 12"x24"  
7679361 Outdoor 78 ●  
29,7x59,5 - 12"x24"  
7679411 Outdoor Rett. 85 ●



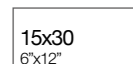
30x60 - 12"x24"  
7679381 Outdoor 78 ●  
29,7x59,5 - 12"x24"  
7679431 Outdoor Rett. 85 ●



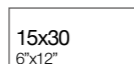
30x60 - 12"x24"  
7679391 Outdoor 78 ●  
29,7x59,5 - 12"x24"  
7679441 Outdoor Rett. 85 ●



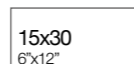
30x60 - 12"x24"  
7679401 Outdoor 78 ●  
29,7x59,5 - 12"x24"  
7679451 Outdoor Rett. 85 ●



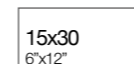
15x30  
6"x12"  
7700371 Outdoor 70 ●



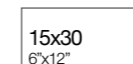
15x30  
6"x12"  
7700411 Outdoor 70 ●



15x30  
6"x12"  
7700381 Outdoor 70 ●



15x30  
6"x12"  
7700391 Outdoor 70 ●



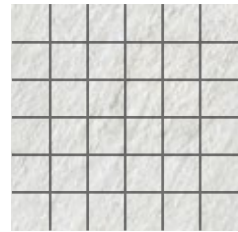
15x30  
6"x12"  
7700401 Outdoor 70 ●

Gres porcellanato con colorazione in massa.  
 Porcelain stoneware with mass colouring.  
 Grès cérame avec pate colorée.  
 Durchgefärbtes Feinsteinzeug.  
 Фарфоровый керамогранит, окрашенный по всей толщине.

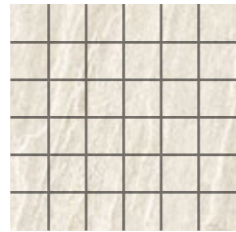
Decor. Decors. Decorations. Dekore. Декор.

Pezzi speciali. Trims. Pieces speciales. Formstücke. Специальные изделия.

MOSAICO 5x5 2"x2" 124 ●  
 30x30 12"x12"



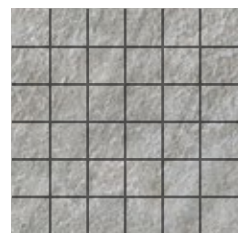
7679531 Gesso Indoor



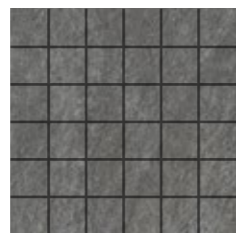
7679571 Calcare Indoor



7679541 Cemento Indoor

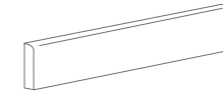


7679551 Ossido Indoor



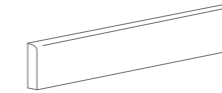
7679561 Grafite Indoor

## In



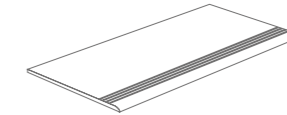
**Battiscopa Indoor 34 ▲**  
 7,5x60 . 3"x24"

7676272 Gesso Indoor  
 7676262 Calcare Indoor  
 7676292 Cemento Indoor  
 7676702 Ossido Indoor  
 7676282 Grafite Indoor



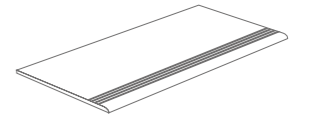
**Battiscopa Indoor Rett. 34 ▲**  
 7,5x59,5 . 3"x24"

7676274 Gesso Indoor Rett.  
 7676264 Calcare Indoor Rett.  
 7676294 Cemento Indoor Rett.  
 7676704 Ossido Indoor Rett.  
 7676284 Grafite Indoor Rett.



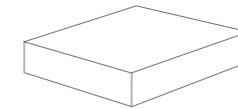
**Gradino Step Indoor 48 ▲**  
 30x60 . 12"x24"

7676273 Gesso Indoor  
 7676263 Calcare Indoor  
 7676293 Cemento Indoor  
 7679703 Ossido Indoor  
 7679283 Grafite Indoor



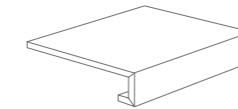
**Gradino Step Indoor Rett. 48 ▲**  
 29,7x59,5 . 12"x24"

7676275 Gesso Indoor Rett.  
 7676265 Calcare Indoor Rett.  
 7676295 Cemento Indoor Rett.  
 7679705 Ossido Indoor Rett.  
 7676285 Grafite Indoor Rett.



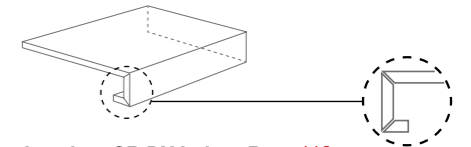
**Angolare CR SX Indoor Rett. 118 ▲**  
 33,3x29,7x3,2x3,2 . 13"x12"x1,2"x1,2"

7676277 Gesso Indoor Rett.  
 7676268 Calcare Indoor Rett.  
 7676387 Cemento Indoor Rett.  
 7679707 Ossido Indoor Rett.  
 7676287 Grafite Indoor Rett.



**Gradone CR Indoor Rett. 89 ▲**  
 33,3x29,7x3,2x3,2 . 13"x12"x1,2"x1,2"

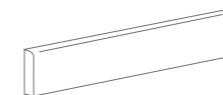
7676276 Gesso Indoor Rett.  
 7676266 Calcare Indoor Rett.  
 7676386 Cemento Indoor Rett.  
 7679706 Ossido Indoor Rett.  
 7676286 Grafite Indoor Rett.



**Angolare CR DX Indoor Rett. 118 ▲**  
 33,3x29,7x3,2x3,2 . 13"x12"x1,2"x1,2"

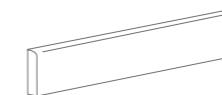
7676278 Gesso Indoor Rett.  
 7676267 Calcare Indoor Rett.  
 7676388 Cemento Indoor Rett.  
 7679708 Ossido Indoor Rett.  
 7676288 Grafite Indoor Rett.

## Out



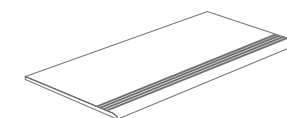
**Battiscopa Outdoor 34 ▲**  
 7,5x60 . 3"x24"

7679372 Gesso Outdoor  
 7679362 Calcare Outdoor  
 7679382 Cemento Outdoor  
 7679392 Ossido Outdoor  
 7679402 Grafite Outdoor



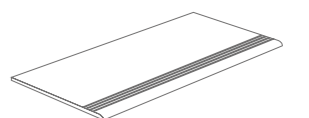
**Battiscopa Outdoor Rett. 34 ▲**  
 7,5x59,5 . 3"x24"

7679374 Gesso Outdoor Rett.  
 7679364 Calcare Outdoor Rett.  
 7676384 Cemento Outdoor Rett.  
 7676394 Ossido Outdoor Rett.  
 7679404 Grafite Outdoor Rett.



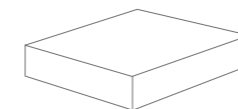
**Gradino Step Outdoor 48 ▲**  
 30x60 . 12"x24"

7679373 Gesso Outdoor  
 7679363 Calcare Outdoor  
 7679383 Cemento Outdoor  
 7679393 Ossido Outdoor  
 7676703 Grafite Outdoor



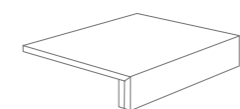
**Gradino Step Outdoor Rett. 48 ▲**  
 29,7x59,5 . 12"x24"

7676375 Gesso Outdoor Rett.  
 7676364 Calcare Outdoor Rett.  
 7676383 Cemento Outdoor Rett.  
 7679793 Ossido Outdoor Rett.  
 7676405 Grafite Outdoor Rett.



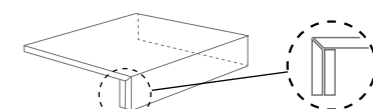
**Angolare DP SX Outdoor Rett. 102 ▲**  
 33,3x29,7x3,2 . 13"x12"x1,2"

7679280 Gesso Outdoor Rett.  
 7676270 Calcare Outdoor Rett.  
 7679390 Cemento Outdoor Rett.  
 7679710 Ossido Outdoor Rett.  
 7679288 Grafite Outdoor Rett.



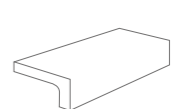
**Gradone DP Outdoor Rett. 78 ▲**  
 33,3x29,7x3,2 . 13"x12"x1,2"

7676279 Gesso Outdoor Rett.  
 7676269 Calcare Outdoor Rett.  
 7676389 Cemento Outdoor Rett.  
 7679709 Ossido Outdoor Rett.  
 7679287 Grafite Outdoor Rett.



**Angolare DP DX Outdoor Rett. 102 ▲**  
 33,3x29,7x3,2 . 13"x12"x1,2"

7676280 Gesso Outdoor Rett.  
 7679270 Calcare Outdoor Rett.  
 7676390 Cemento Outdoor Rett.  
 7679711 Ossido Outdoor Rett.  
 7679289 Grafite Outdoor Rett.









**Elemento Elle Pressa Outdoor 44 ▲**  
 15x30x3,5 . 6"x12"x1,4"

7679366 Gesso Outdoor  
 7679365 Calcare Outdoor  
 7679367 Cemento Outdoor  
 7679369 Ossido Outdoor  
 7679368 Grafite Outdoor



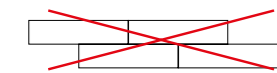
Imballi. Packing. Emballages. Verpackung. Упаковка.

|                                 |  |  mm |  PCS / BOX |  M2 / BOX |  BOX / PLT |  M2 / PLT |  KG / PLT |
|---------------------------------|--|--|---|--|--|--|--|
| 45x90 Rett.                     |  | 10   | 3   | 1,215  | 27   | 32,815   | 756  |
| 30x60                           |  | 9  | 7   | 1,26   | 40   | 50,40  | 1040   |
| 29,7x59,5 Rett.                 |  | 9  | 7   | 1,24   | 40   | 49,60  | 1000   |
| 15x30                           |  | 8  | 23  | 1,04   | 75   | 78,00  | 1200   |
| 30x30 Mosaico 5x5               |  | 9  | 11  | 1,00   | -  | -  | -  |
| <b>Pezzi speciali</b>           |  |  |   |  |  |  |  |
| 7,5x60 Battiscopa               |  | -  | 14  | 8,40 ml  | -  | -  | -  |
| 7,5x59,5 Battiscopa Rett.       |  | -  | 14  | 8,33 ml  | -  | -  | -  |
| 30x60 Gradino Step              |  | -  | 7   | 4,20 ml  | -  | -  | -  |
| 29,7x59,5 Gradino Step Rett.    |  | -  | 7   | 4,16 ml  | -  | -  | -  |
| 33,3x29,7x3,2 Gradone CR Rett.  |  | -  | 4   | 1,18 ml  | -  | -  | -  |
| 33,3x29,7x3,2 Angolare CR Rett. |  | -  | 2   | -  | -  | -  | -  |
| 33,3x29,7x3,2 Gradone DP Rett.  |  | -  | 4   | 1,18 ml  | -  | -  | -  |
| 33,3x29,7x3,2 Angolare DP Rett. |  | -  | 2   | -  | -  | -  | -  |
| 15x30x3,5 Elemento Elle Pressa  |  | -  | 8   | 2,40 ml  | -  | -  | -  |

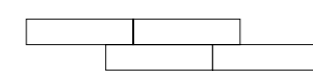
### Posa consigliata.

Recommendend installation. Installation recommandée. Installation empfohlen. Установка рекомендуется.

**1/2** NO - NO - NON - NEIN - HET



**1/4** SI - YES - OUI - JA - ДА



### Fuga minima consigliata.

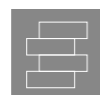
Advised minimum joint. Joint minimal conseillé. Empfohlte fugen. Минимальный рекомендованный шов между плитками.



















**FUGA 2 mm**  
PER RETTIFICATO



**FUGA > 3 MM**  
PER NATURALE



**POSA 1/4**

| Simbologia<br>Symbolics<br>Symboles<br>Symbole<br>Simbologias<br>Символы              | Caratteristiche<br>Features<br>Caracteristiques<br>Eigenschaften<br>Caracteristicas<br>Характеристика  | Unità di misura<br>Unit of measurement<br>Unité de mesure<br>Masseinheit<br>Unidad de medida<br>Единица измерения | GRUPPO DI APPARTENENZA SECONDO ISO 13006   |   |   |
|---|--|---|--|---|---|
|   |  |   | Valore medio Saima<br>Saima mean value<br>Valeur moyenne Saima<br>Durchschnittswert-Saima<br>Valor medio Saima<br>Среднее значение Saima | Valore prescritto<br>Fixed value<br>Valeur prescrite<br>Vorgeschriebener Wert<br>Valor prescrito<br>Требуемое значение  | Metodo di prova<br>Test method<br>Méthode d'essai<br>Prüfmethode<br>Método de ensayo<br>Метод испытания |
|    | <b>Dimensione lati</b><br>Dimensions-Length and width<br>Dimensions-Longueur et largeur<br>Masse-Länge und Breite<br>Dimensiones-Longitud y ancho<br>Размеры сторон  | %   | +/- 0,4  | +/- 0,6 max   | UNI EN ISO 10545-2  |
|    | <b>Rettilinearità dei lati</b><br>Side straightness<br>Rectitude des arêtes<br>Geradlinigkeit der Kanten<br>Rectilíneidad de los lados<br>Прямолинейность сторон   | %   | +/- 0,4  | +/- 0,5 max   | UNI EN ISO 10545-2  |
|    | <b>Ortogonalità degli spigoli</b><br>Corner squariness<br>Angularité<br>Rechtwinkligkeit der Kanten<br>Ortogonalidad de las esquinas<br>Ортогональность кромок   | %   | +/- 0,4  | +/- 0,6 max   | UNI EN ISO 10545-2  |
|    | <b>Planarità</b><br>Flatness<br>Planéité<br>Ebenföchigkeit<br>Planéidad<br>Плоскостность   | %   | +/- 0,4  | +/- 0,5 max   | UNI EN ISO 10545-2  |
|    | <b>Spessore</b><br>Thickness<br>Épaisseur<br>Dicke<br>Grosor<br>Толщина  | %   | +/- 5,0  | +/- 5,0 max   | UNI EN ISO 10545-2  |
|    | <b>Assorbimento d'acqua</b><br>Water absorption<br>Absorption d'eau<br>Wasseraufnahme<br>Absorción de agua<br>Водопоглощение   | %   | < 0,2  | ≤ 0,5   | UNI EN ISO 10545-3  |
|   | <b>Sforzo di rottura</b><br>Breaking strenght<br>Contrainte de rupture<br>Bruchkraft<br>Esfuerzo de rotura<br>Разрушающее усилие   | N   | > 1600   | ≥ 1300 se Spess. ≥ 7,5<br>≥ 700 se Spess. ≤ 7,5   | UNI EN ISO 10545-4  |
|  | <b>Modulo di rottura</b><br>Modulus of rupture<br>Coefficient de rupture<br>Bruchmodul<br>Módulo de rotura<br>Модуль разрыва   | N/mm <sup>2</sup>   | > 40   | ≥ 35  | UNI EN ISO 10545-4  |
|  | <b>Dilatazione termica lineare</b><br>Coeff. of linear thermal expansion<br>Coeff. d'extension thermique linéaire<br>Linearer Wärmeausdehnungs-Koeffizient<br>Coeficiente de dilatación térmica lineal<br>Линейное тепловое расширение   | *MK (-1)  | 7,0  | metodo disponibile<br>available method<br>méthode disponible<br>verfügbare methode<br>método disponible<br>требуемое значение   | UNI EN ISO 10545-8  |
|  | <b>Resistenza agli sbalzi termici</b><br>Thermal shock resistancy<br>Résistance aux chocs thermiques<br>Temperaturwechsel Beständigkeit<br>Resistencia a choque térmico<br>Стойкость к перепадам температуры   | -   | resiste<br>resist<br>résiste<br>widerstandsfähig<br>resiste<br>стойкий   | metodo disponibile<br>available method<br>méthode disponible<br>verfügbare methode<br>método disponible<br>требуемое значение   | UNI EN ISO 10545-9  |
|  | <b>Resistenza alle macchie</b><br>Stain resistance<br>Résistance au tâches<br>Flecken Beständigkeit<br>Resistencia a las manchas<br>Стойкость к образованию пятен  | -   | ≥ 3  | 3 MIN   | UNI EN ISO 10545-14   |
|  | <b>Resistenza ai prodotti chimici di uso domestico</b><br>Resistance to chemical products<br>Résistance aux produits chimiques<br>Beständigkeit gegen Chemikalien<br>Resistencia a los productos quimicos<br>Стойкость к бытовым химикатам   | -   | conforme<br>conform<br>conforme<br>gleichmässig<br>conforme<br>соответствует   | MIN GB  | UNI EN ISO 10545-13   |
|  | <b>Resistenza agli acidi e alle basi a bassa concentrazione</b><br>Resistant to acids and low concentration bases<br>Résistance aux acides et aux bases à faible concentration<br>Widerstandsfähig gegenüber niedrig konzentrierten Säuren und Laugen<br>Resistencia a los ácidos y las bases de baja concentración<br>Стойкость к низким концентрациям кислот и щелочей   | -   | MIN GLB  | secondo classificazione prodotto<br>according to product classification<br>selon classification produit<br>Gemäß Produktklassifizierung<br>согласно классификации продукции | UNI EN ISO 10545-13   |
|  | <b>Resistenza al gelo</b><br>Frost resistance<br>Résistance au gel<br>Frostbeständigkeit<br>Resistencia al hielo<br>Морозостойкость  | -   | resiste<br>resist<br>résiste<br>widerstandsfähig<br>resiste<br>стойкий   | richiesta<br>request<br>demande<br>anfrage<br>solicitud<br>требуемое значение   | UNI EN ISO 10545-12   |
|  | <b>Stabilità dei colori</b><br>Colour stability<br>Stabilité des coloris<br>Lichtechtheit der Färbung<br>Estabilidad de los colores<br>Цветостойкость  | -   | stabile<br>stable<br>stable<br>estable<br>стойкий  | metodo disponibile<br>available method<br>méthode disponible<br>verfügbare methode<br>método disponible<br>требуемое значение   | DIN 51094   |
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