Kitchen / Bathroom

MAXFINE/HI LITE
Technology to Create

FMG FABBRICA MARMI E GRANITI

Hospitality / Wellness

Indoor / Outdoor furniture

Boat interiors

Wall cladding

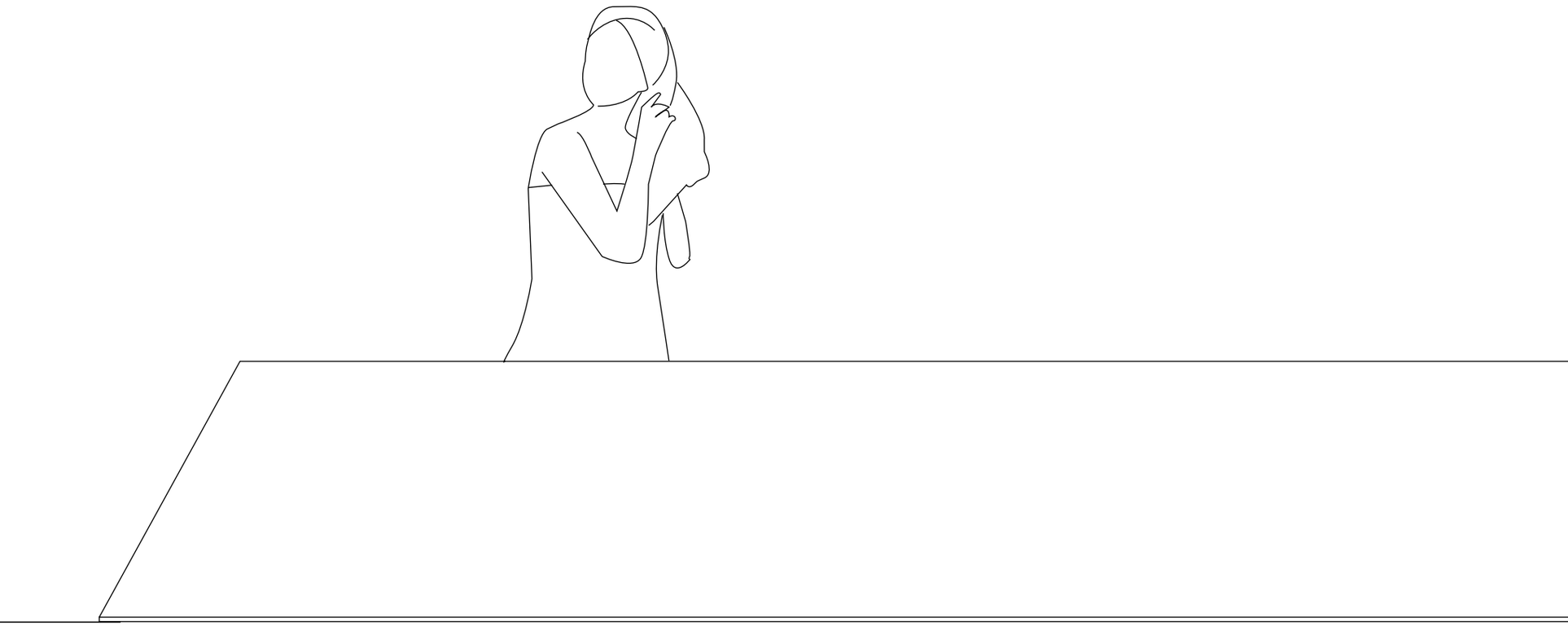
Not just for surfaces

Forza più leggerezza, formati enormi e spessore sottile.
Un materiale innovativo ad alte prestazioni, ideale per rivestire tutte le superfici di cucina e bagno: piani lavoro, top, arredi, pavimenti e rivestimenti.
Una soluzione affidabile e qualitativa, con il valore aggiunto della più ampia scelta di ispirazioni materiche, tutte di altissimo livello: effetto marmo, pietra, legno, metallo, cemento.

Strength plus lightness, very large sizes and low thickness.
An innovative high-performance material, ideal for covering all kitchen and bathroom surfaces: work tops, countertops, furniture, floors and walls.
A reliable solution of quality, with the added value of the broadest possible choice of textural inspirations, all of the highest level: marble, stone, wood, metal and concrete effects.

La force alliée à la légèreté, des formats géants et une grande finesse des épaisseurs. Un matériau innovant aux prestations d'excellence, idéal pour habiller toutes les surfaces de cuisine ou de salle de bain : plans de travail, plateaux, meubles, revêtements de mur ou de sol. Une solution fiable et de qualité, ayant pour valeur ajoutée le plus grand éventail d'inspirations « matières », toutes haut de gamme : effet marbre, pierre, bois, métal, béton.

Stärke und Leichtigkeit, riesige Formate und dabei besonders dünn.
Ein innovatives und hochleistungsfähiges Material, ideal zum Verkleiden aller Oberflächen in Küche und Bad: Arbeitstische, Tops, Möbel, Böden und Verkleidungen. Eine zuverlässige und hochwertige Lösung mit dem Mehrwert einer unendlichen Auswahl an materischen Inspirationen von höchstem Niveau: mit Marmor-, Stein-, Holz-, Metall- und Zementoptik.



Kitchen / Bathroom

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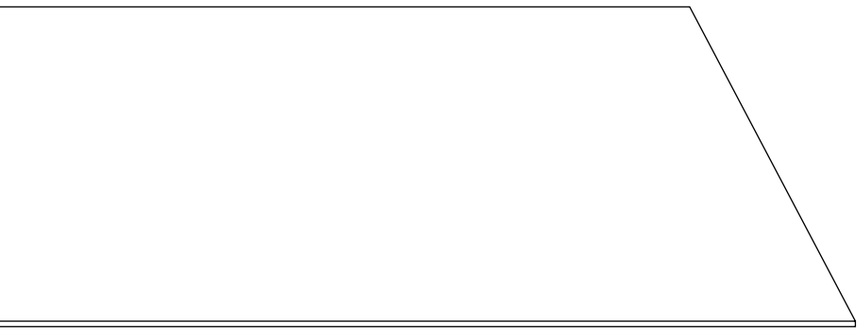
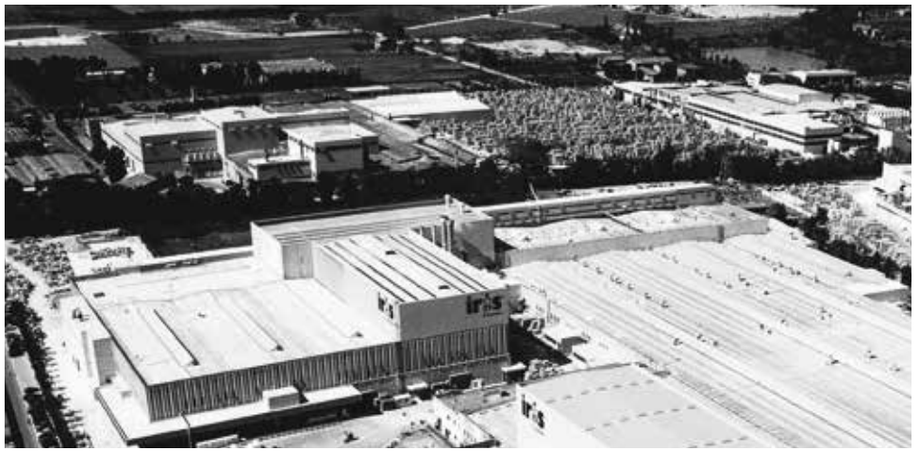




1 KNOW HOW

Un gruppo che da oltre 50 anni è il punto di riferimento mondiale nella ceramica tecnica per grandi progetti.

Un groupe référence mondiale de la céramique technique pour les grands projets depuis plus de 50 ans.

A group that for over 50 years has been the world-level reference point in technical ceramics for large projects.

Eine Gruppe, die seit über 50 Jahren weltweit führend auf dem Sektor der technischen Keramik für große Projekte ist.

2 TECHNOLOGY

Forti investimenti per una struttura produttiva e logistica all'avanguardia, per offrire il meglio come qualità e design di prodotto e seguire forniture di qualsiasi entità in qualsiasi nazione.

De gros investissements pour une structure de production et de logistique d'avant-garde permettant de proposer des produits d'une qualité et d'un design d'excellence et d'effectuer des fournitures de n'importe quelle dimension partout dans le monde.

SERVICE AND EXPERIENCE TO SUPPORT ANY PROJECT

3

3 SERVICE

Heavy investments for an avant-garde production and logistic structure, so as to offer the best in terms of quality and product design and to follow supplies of any size in any country.

Starke Investitionen in eine absolut fortschrittliche Produktions- und Logistikstruktur, um beste Qualität und Produktdesign zu bieten und dabei Lieferungen jeder Größenordnung in der ganzen Welt vornehmen zu können.

Un reparto assistenza per progetti speciali che da decenni fornisce un servizio senza eguali, collaudato nei cantieri più impegnativi del mondo.

Un service d'assistance pour les projets spéciaux qui assure depuis des dizaines d'années des prestations uniques et ayant fait leur preuve sur les chantiers les plus contraignants du monde.

A service department for special projects that for decades has been providing unequalled service, put to the test at the most demanding sites in the world.

Der Kundendienst für Spezialprojekte, der seit Jahrzehnten einen unvergleichlichen Service bietet, der auf den schwierigsten Baustellen der Welt geprüft wurde.

Lastre in ceramica tecnica grandi, sottili, inalterabili: un'unica materia per rivestire di bellezza l'ambiente bagno e cucina.

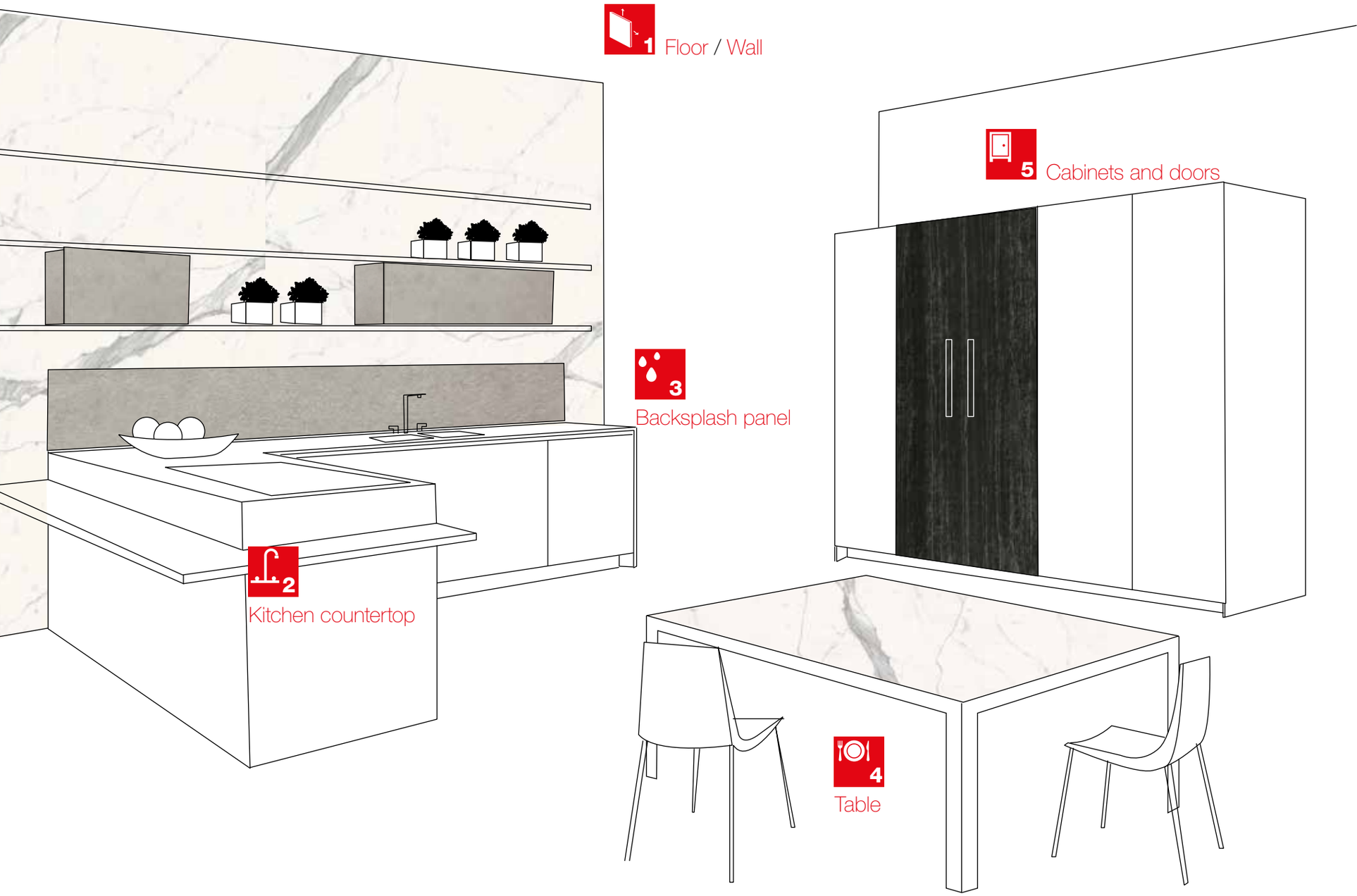
Grandeur, finesse et inaltérabilité des carrelages grand format en céramique technique : une seule matière pour la beauté d'un revêtement de cuisine ou de salle de bain.

/ X-large slabs

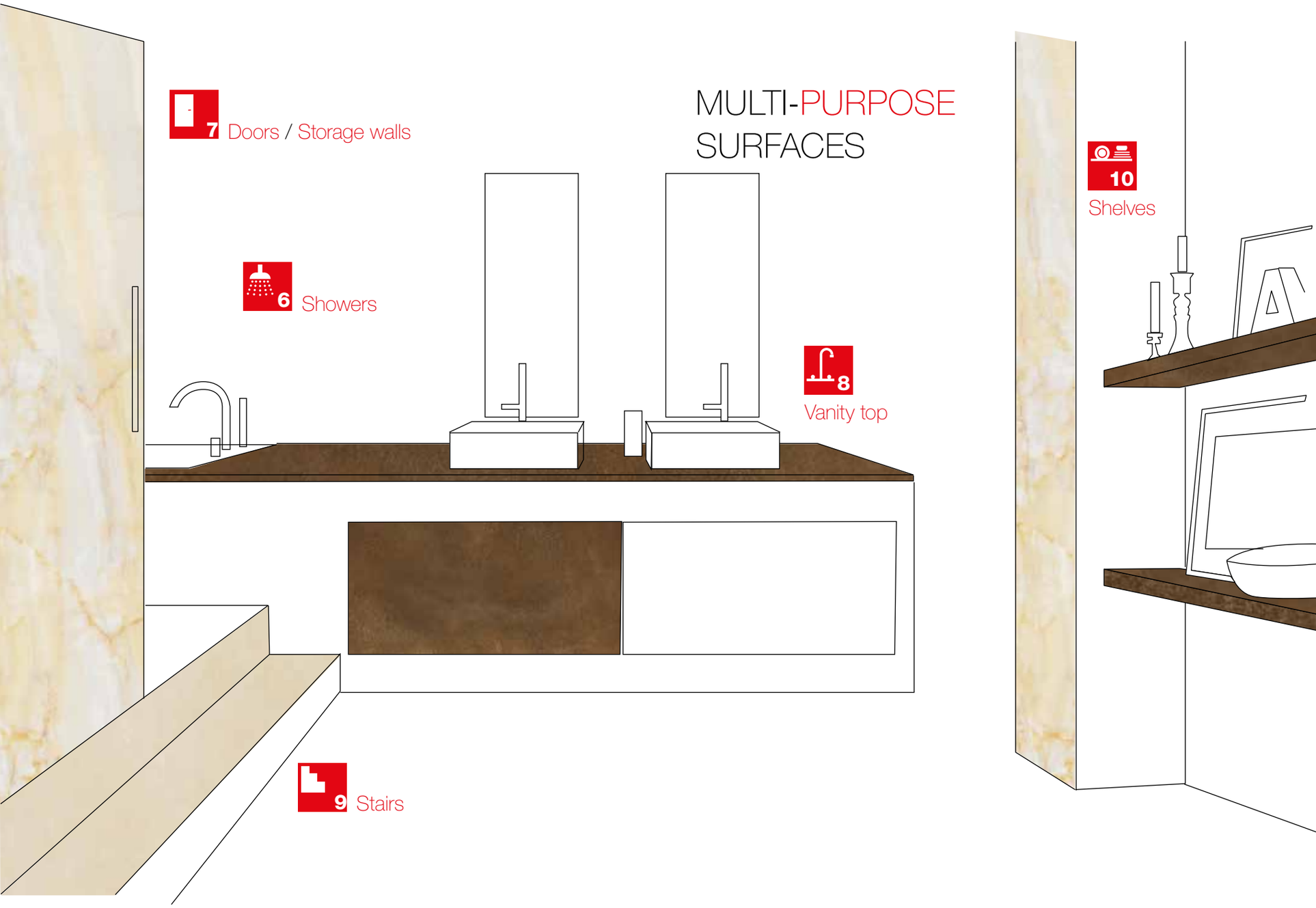
UP TO 320x160 CM 0,6 CM
PERFECT FOR
KITCHEN & BATHROOM AREAS

Technical ceramic tiles, large, thin and non-degradable: a single material for covering the bathroom and kitchen environments in beauty.

Große, dünne und unveränderbare Platten aus technischer Keramik: ein einzige Materie, um Bad und Küche schön zu gestalten.



1	2	3	4	5
Pavimento / Rivestimento	Top cucina	Rivestimento cucina paraschizzi	Tavolo	Armadi (ante)
Sol / Mur	Plan de travail	Crédence	Table	Portes et placards
Fußboden / Wandfliesen	Kuchenarbeitsplatte	Spritzschutz	Tisch	Türen und Schränke



6	7	8	9	10
Docce	Porte / pareti attrezzate	Top bagno	Scale	Mensole
Bac à douche	Portes / Ensembles muraux	Plan vasque	Escaliers	Tablettes
Duschbereich	Türen / Wohnwände	Waschtisch	Treppen	Konsolen

EXTRAORDINARY SURFACES

[1]

[2]

[3]

1 BRIGHT / MATT SURFACES

Superfici lucide, satinate, materiche, in una vasta scelta di materie e colori.

Shiny, matt and textural surfaces, in a vast choice of materials and colours.

Des surfaces brillantes, satinées et physiques déclinées dans un riche éventail de matières et de couleurs.

Glänzende, satinierte, stofflich geprägte Oberflächen in einer breiten Auswahl von Materien und Farben.

2 KITCHEN COUNTER TOP

Per rivestire piani lavoro e cucina di qualsiasi forma e misura.

To cover worktops and kitchens of any shape and size.

Pour revêtir les plans de travail ou de cuisine, quelles que soient leurs formes ou leurs dimensions.

Zum Verkleiden von Arbeitsflächen und Küchen in allen Formen und Abmessungen.

3 FINISHING

Finiture architettoniche e particolari funzionali.

Architectural finishings, shelves and functional details.

Finitions architecturales, tablettes et détails fonctionnels.

Architektonische Oberflächen, Konsolen und praktische Details.

/ Fully customizable

[1]

[2]

DESIGN WITH SHAPES

[3]

1 BATHROOM VANITY TOP

Top bagno, anche con rivestimento lavabo.

Bathroom vanity top, also with washbasin covering.

Plan de salle de bain, également avec revêtement de lavabo.

Badezimmerplatte, auch als Waschbeckenverkleidung.

2 FURNITURE & TABLE

Superfici a vista di cassetti, ante, armadi e tavoli. Lavorabile in costa.

Visible surfaces of drawers, furniture doors, cabinets and tables. Can be machined on the edges.

Surfaces apparentes de tiroirs, portes, placards et tables. Chants travaillables.

Die sichtbaren Oberflächen von Schubladen, Schranktüren, Schränken und Tischen. Kann seitlich verarbeitet werden.

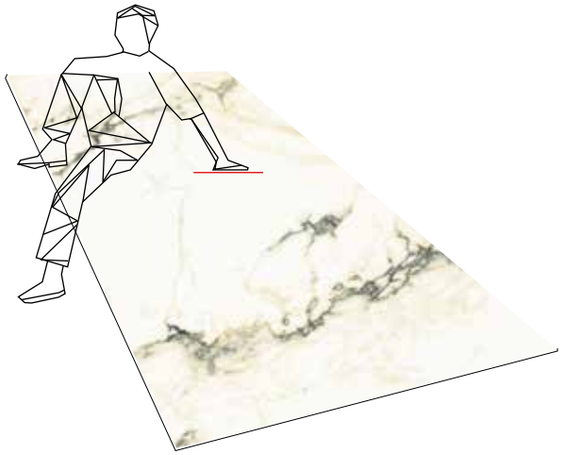
3 FLOOR, WALL & STAIRS

Pavimenti, rivestimenti, scale in coordinato.

Matching floors, coverings and stairs.

Sols, revêtements, escaliers coordonnés.

Fußböden. Verkleidungen, Treppen – alles aufeinander angestimmt.

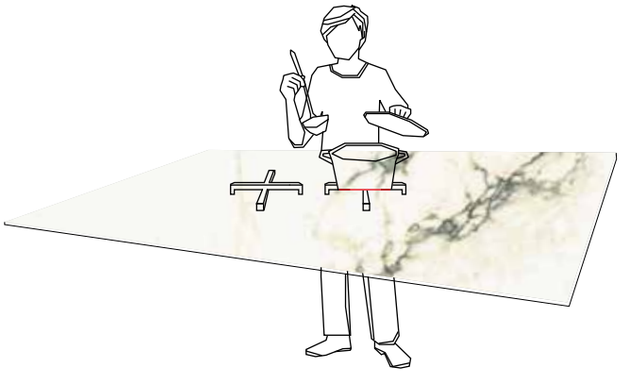


Appearance that does not change in time

Estetica inalterabile nel tempo

Une beauté inaltérable dans le temps

Unveränderliche Schönheit im Laufe der Zeit



Fire and heat-resistant

Resiste al fuoco e al calore

Résiste au feu et à la chaleur

Feuer- und hitzebeständig

Perfectly sanitisable

Perfettamente igienizzabile

Parfaitement hygiénisable

Lässt sich perfekt desinfizieren

Withstands scaling, moisture and stains

Resiste a incrostazioni, umidità, macchie

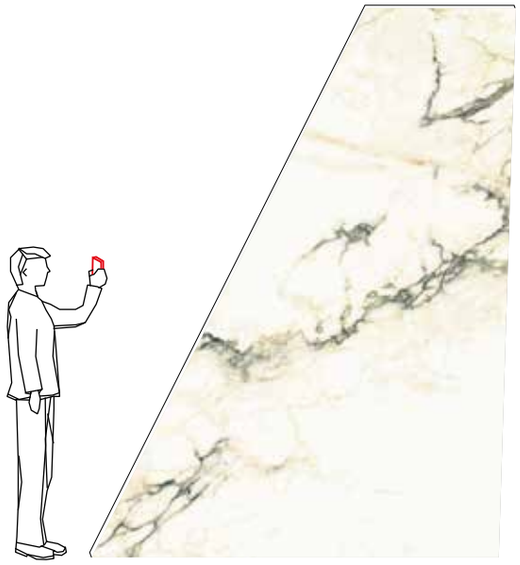
Résiste aux incrustations, à l'humidité, aux taches

Widersteht Ablagerungen, Feuchtigkeit und Flecken

Eccezionalmente resistente e compatto, mantiene inalterata la sua bellezza nel tempo, offrendo la massima versatilità d'uso.

Exceptionnellement résistant et compact, ce carrelage conserve sa beauté dans le temps tout en assurant une flexibilité d'utilisation maximale.

TIME-PROOF BEAUTY, GREAT VERSATILITY

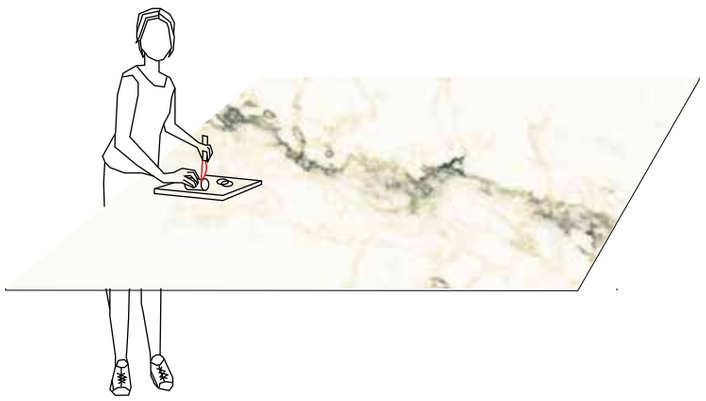


A single material for floors, walls and furnishings

Un solo materiale per pavimenti, pareti e arredi

Une seule matière pour les sols, les murs et les meubles

Nur ein Material für Boden, Wand und Einrichtung

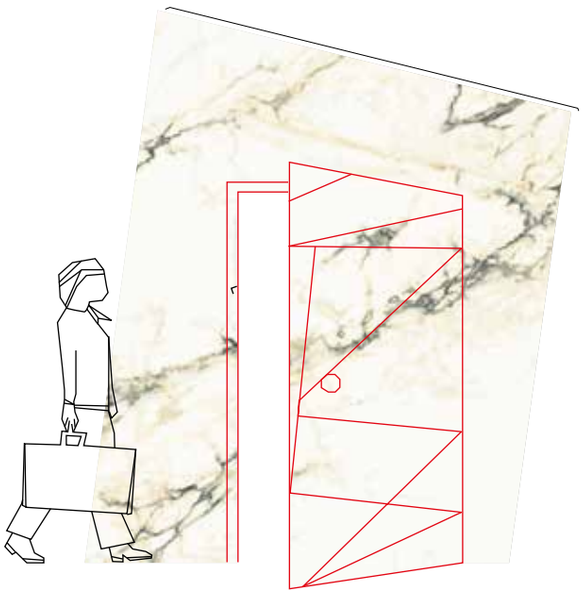


Resistant to scuffing and scratching

Resistente a graffi e scalfitture

Résistant aux rayures et aux griffures

Kratzer- und kerbfest



A range that covers all the needs of the project

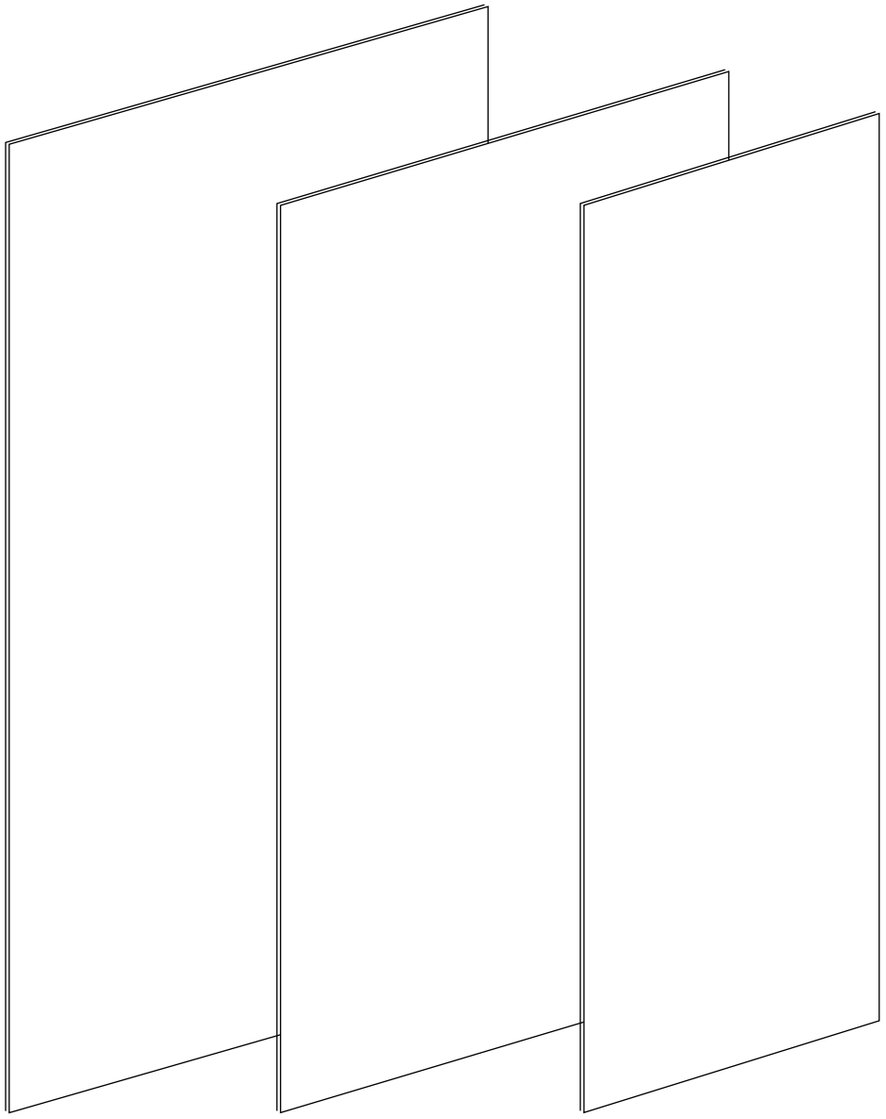
Una gamma che copre tutte le esigenze del progetto

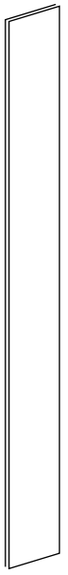
Une gamme qui répond à toutes les exigences des projets

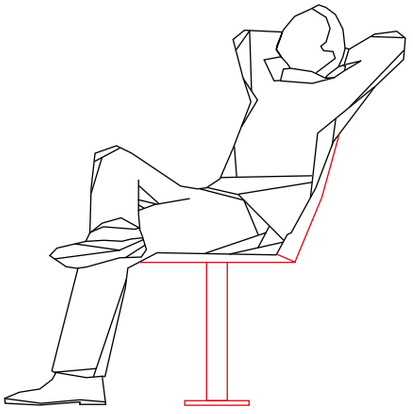
Eine Palette für alle Gestaltungsbedürfnisse

Exceptionally resistant and compact, its beauty remains unaltered in time, offering the maximum versatility of use.

Besonders resistent und kompakt, auch im Laufe der Jahre gleichbleibend schön, mit maximaler Vielseitigkeit im Einsatz.







320x160*
128"x64"

300x150
120"x60"

300x100
120"x40"

180x21,5
71"x8"

*Available upon request. Disponibile su richiesta. Réalisable sur demande. Verfügbar auf Anfrage

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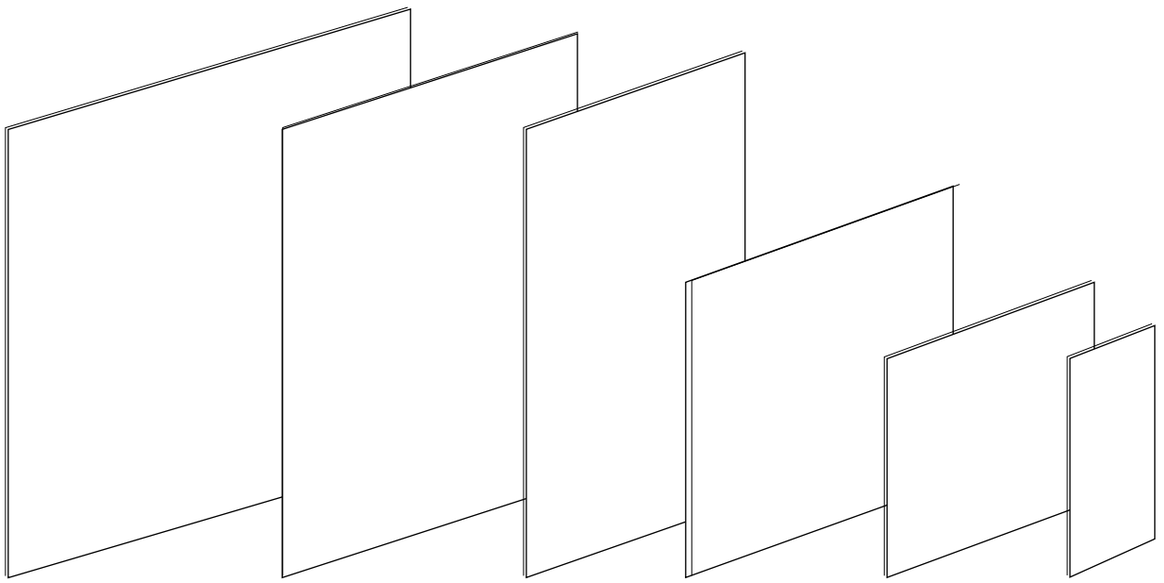
Maxi lastre e formati modulari per qualsiasi pavimento e rivestimento, ma anche per vestire il design.
Tutto è realizzabile: dalle pareti di un grattacielo al tavolo per il giardino.

Carrelages maxi et formats modulaires parfaits non seulement pour tous les revêtements de mur ou de sol mais aussi pour habiller le design.
Tout est possible : des murs d'un gratte-ciel à la table de jardin.

/ Size range

THE SIZE
AND SHAPE
YOU NEED

6 MM 10 MM*



150x150	150x100	150x75	100x100	75x75	75x37,5
60"x60"	60"x40"	60"x30"	40"x40"	30"x30"	30"x15"

*Available upon request. Disponibile su richiesta. Réalisable sur demande. Verfügbar auf Anfrage

Large-size tiles and modular formats for any floor and wall, but also to dress design.
Everything can be made: from the walls of a skyscraper to a garden table.

Maxiplatten und modulare Formate für jede Art von Fußboden und Verkleidung, ideal auch für Design.
Hier kann man alles machen, von den Wänden eines Hochhauses bis zum Gartentisch.

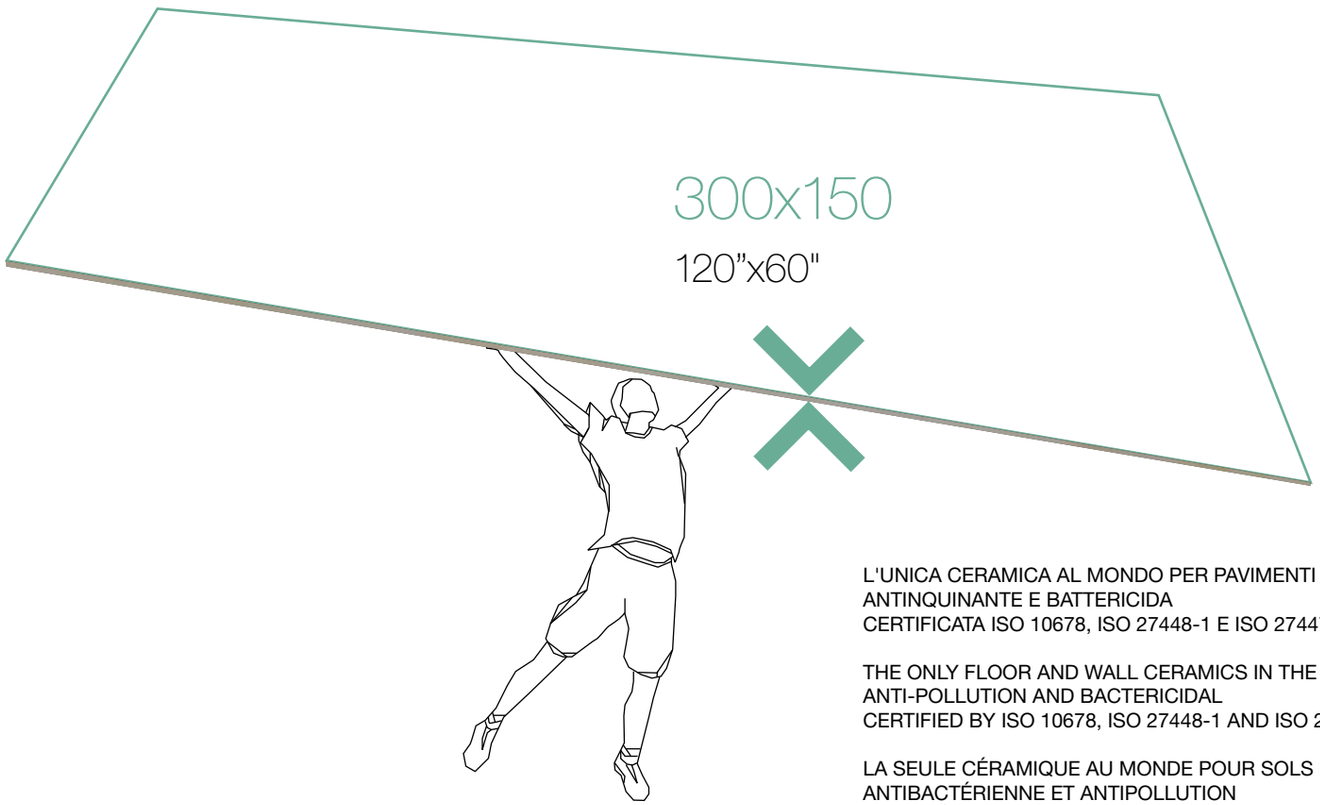
MAXFINE rès

FMG FABBRICA MARMI E GRANITI

ACTIVE™

CLEAN AIR & ANTIBACTERIAL CERAMIC

EXTRA LARGE

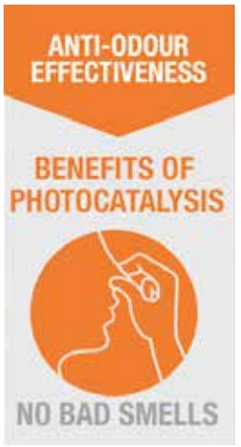


L'UNICA CERAMICA AL MONDO PER PAVIMENTI E RIVESTIMENTI
ANTINQUINANTE E BATTERICIDA
CERTIFICATA ISO 10678, ISO 27448-1 E ISO 27447

THE ONLY FLOOR AND WALL CERAMICS IN THE WORLD
ANTI-POLLUTION AND BACTERICIDAL
CERTIFIED BY ISO 10678, ISO 27448-1 AND ISO 27447

LA SEULE CÉRAMIQUE AU MONDE POUR SOLS ET MURS
ANTIBACTÉRIENNE ET ANTIPOLLUTION
CERTIFIÉE ISO 10678, ISO 27448-1 ET ISO 27447

DIE EINZIGE KERAMIK AUF DER WELT FÜR BODEN -
UND WANDVERKLEIDUNGEN UMWELTFREUNDLICH UND BAKTERIENTÖTEND
ZERTIFIKATION ISO 10678, ISO 27448-1 UND ISO 27447



EFFICACIA ANTINQUINANTE
100 mq Active = 30 alberi

In 6 ore, 100m^2 di ceramica Active depurano l'aria dagli Nox come 30 alberi o arbusti con una quantità di foglie pari a 22m^2
(New Phytol 103 (1986) 199)

ANTI-POLLUTION EFFECTIVENESS
100 sq. m. Active = 30 trees

In 6 hours, 100m^2 of Active ceramic cleans as much NOx from the air as 30 trees or shrubs with a quantity of leaves amounting to 22m^2
(New Phytol 103 (1986) 199)

EFFICACITÉ ANTIPOLLUTION
100 m² Active = 30 arbres

En 6 heures, 100 m^2 de céramique Active purifient l'air en détruisant les Nox comme le feraient 30 arbres ou arbustes ayant une quantité de feuilles égale à 22 m^2
(New Phytol 103 (1986) 199)

UMWELTSCHUTZLEISTUNG
100 m² Active = 30 Bäume

In 6 Stunden reinigen 100 m^2 Keramik die Luft und entfernen genauso viel Nox wie 30 Bäume oder Büsche mit einem Laubwerk von 22 m^2
(New Phytol 103 (1986) 199)

EFFICACIA BATTERICIDA

Nella nostra vita veniamo quotidianamente a contatto con un certo numero di batteri.
Active li elimina tutti!

ANTIBACTERIAL EFFECTIVENESS

In our everyday lives we constantly come into contact with a lot of bacteria.
Active gets rid of them all!

EFFICACITÉ ANTIBACTÉRIENNE

Nous sommes chaque jour en contact avec un certain nombre de bactéries.
Active les supprime toutes !

BAKTERIENTÖTENDE WIRKUNG

Jeden Tag kommen wir mit einer gewissen Anzahl von Bakterien in Kontakt. Mit Active werden sie alle abgeschafft!

EFFICACIA AUTOPULENTE
Idrofilia – minor uso

La rimozione dello sporco risulta considerevolmente agevolata, con conseguente riduzione della necessità di sostanze detergenti.

SELF-CLEANING EFFECTIVENESS
Hydrophilic – less use

Removing dirt ends up being a lot easier, with a consequent reduction in the need for detergents.

EFFICACITÉ AUTONETTOYAGE
Hydrophilie – usage réduit

La suppression de la saleté est considérablement facilitée, ce qui réduit du même coup le besoin de substances détergentes.

SELBSTREINIGENDE WIRKUNG
Hydrophil – geringer Einsatz

Der Schmutz kann einfach mit geringen Reinigungsmittelmengen entfernt werden.

EFFICACIA ANTIODORE
Benefici della fotocatalisi

NO CATTIVI ODORI

Miglioramento della qualità dell'aria grazie a una sensibile riduzione degli inquinanti tossici e degli odori derivanti dallo sporco.

ANTI-ODOUR EFFECTIVENESS
Benefits of photocatalysis

NO BAD SMELLS

Better quality air thanks to a considerable reduction in the toxic pollution and the odours produced by dirt.

EFFICACITÉ ANTI-ODEUR
Les bienfaits de la photocatalyse

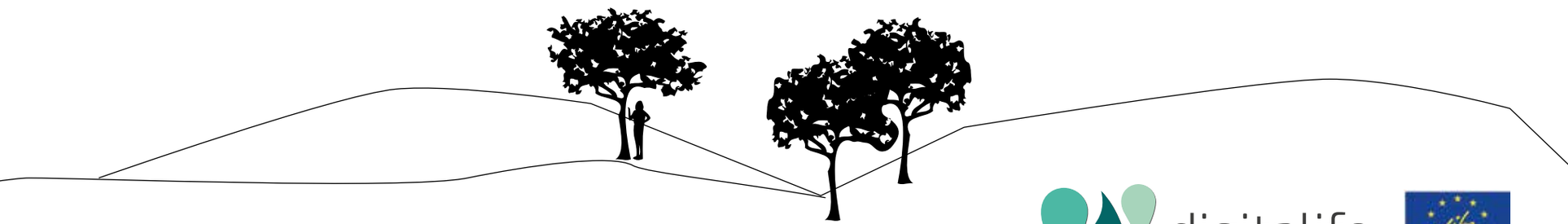
PAS DE MAUVAISES ODEURS

Amélioration de la qualité de l'air grâce à une réduction sensible des polluants toxiques et des odeurs provenant de la saleté.

GERUCHBEKÄMPFUNG
Vorteile der Fotokatalyse

KEINE GERUCHBILDUNG

Verbesserung der Luftqualität dank einer starken Verringerung der giftigen Schadstoffe und der auf Schmutz zurückzuführenden Geruchbildung.



digitalife

LIFE13 ENV/IT/000140

A Project financed by European Union's LIFE Programme

Le collezioni offrono una ricchissima varietà di effetti materici, per trovare sempre l'ispirazione giusta, senza compromessi.
Ogni materia è un prototipo di bellezza: marmo, onice, metallo, pietra, legno, cemento.

Les collections offrent un très riche éventail d'effets « matière » permettant de trouver toujours la bonne inspiration, sans aucun compromis.
Chaque matière est un prototype de beauté : marbre, onyx, métal, pierre, bois, béton.

The collections offer a very rich variety of textural effects so as to always find the right uncompromising inspiration.
Each material is a prototype of beauty: marble, onyx, metal, stone, wood, concrete.

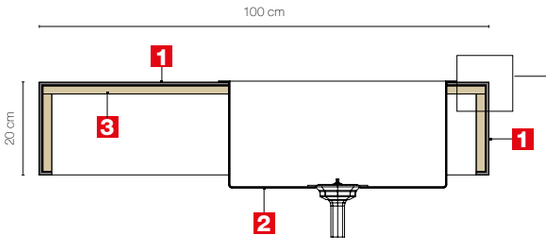
Die Kollektionen bieten eine reiche Vielfalt materischer Effekte, damit Sie kompromisslos Ihre richtige Inspiration finden können.
Jede Materie ist ein Prototyp der Schönheit: Marmor, Onyx, Metall, Stein, Holz, Zement.

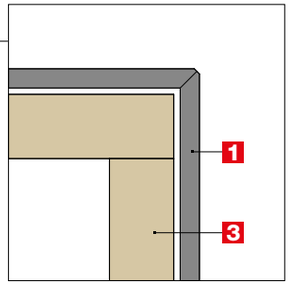
Kitchen / Bathroom

Wall_FMG Maxfine Roads Pearl Mind
Floor_FMG Maxfine Roads Pearl Mind
Counter top_FMG Maxfine Roads Pearl Mind
Furniture_FMG Maxfine Marmi Alps Heart_Wood180 Fossil

TECH_FOCUS

Top L. 370 cm P. 100 cm H. 20 cm



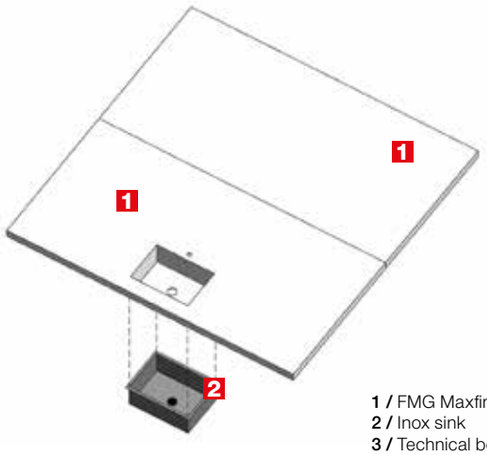


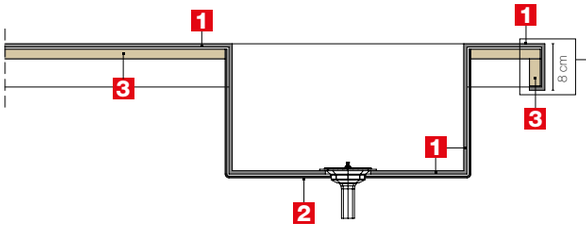
1 / FMG Maxfine Roads Pearl Mind_6 mm
2 / Inox sink
3 / Technical board

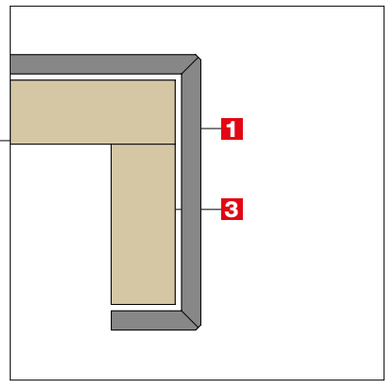
Wall_FMG Maxfine Marmi Calacatta
Floor_FMG Maxfine Marmi Calacatta
Counter top_FMG Maxfine Marmi Calacatta
Furniture_FMG Maxfine Roads Dark Depth

TECH_FOCUS

Top L. 300 cm P. 300 cm H. 8 cm

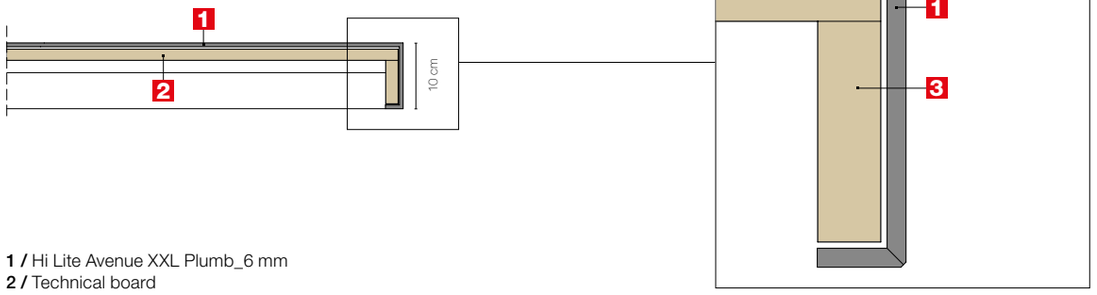






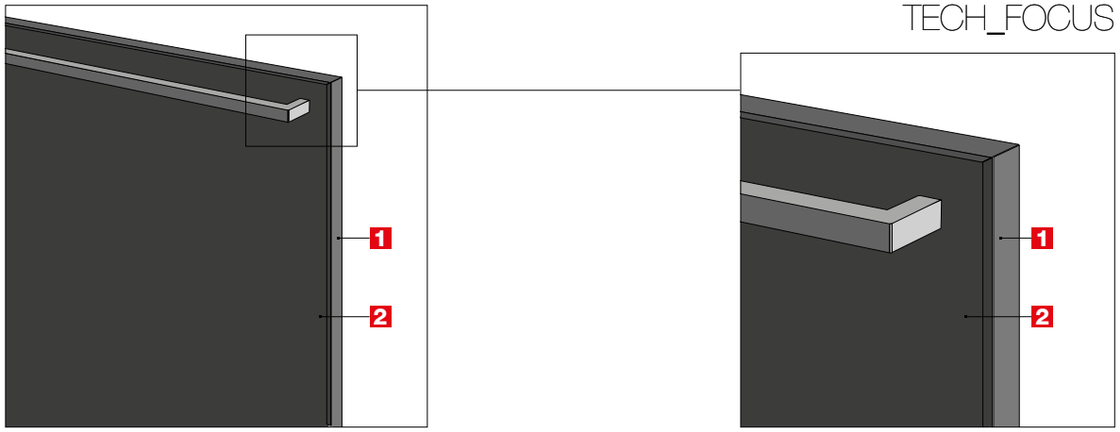
1 / FMG Maxfine Marmi Calacatta_6 mm
2 / Inox sink
3 / Technical board

Wall_FMG Maxfine Marmi Bianco Venato Extra
Floor_Hi Lite Avenue XXL Plumb_FMG Maxfine Wood180 Graphite
Counter top_Hi Lite Avenue XXL Plumb
Furniture_Hi Lite Avenue XXL Plumb_FMG Maxfine Marmi Bianco Venato Extra



1 / Hi Lite Avenue XXL Plumb_6 mm
2 / Technical board

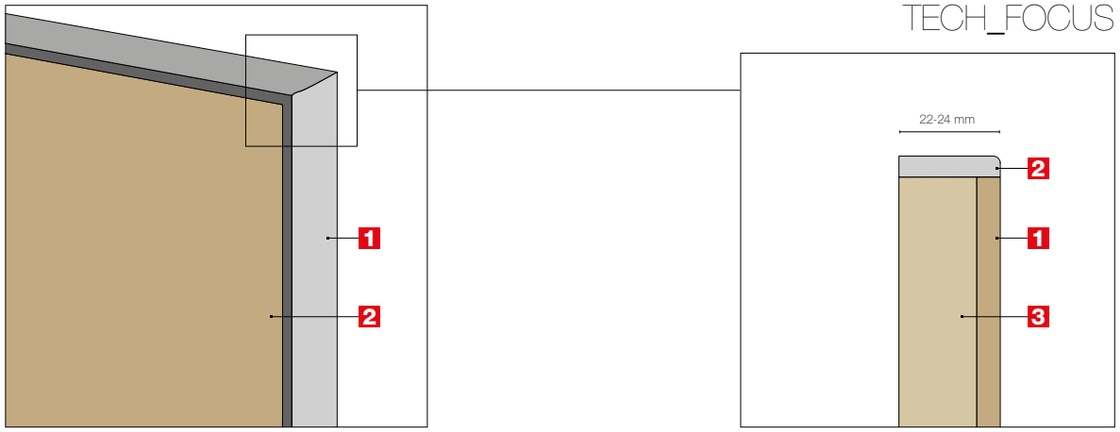
Floor_Hi Lite Metal XXL Grey Metal
Counter top_Hi Lite Metal XXL Black Chrome
Furniture_Hi Lite Metal XXL Black Chrome_Grey Metal
Table_FMG Maxfine Wood180 Honey



1 / Hi Lite Metal XXL Black Chrome_6 mm
2 / Lacquered wood panel

Wall_FMG Maxfine Marmi Calacatta
Counter top_FMG Maxfine Marmi Calacatta
Furniture_FMG Maxfine Marmi Calacatta

Floor_FMG Maxfine Corten
Counter top_FMG Maxfine Corten
Furniture_FMG Maxfine Onice Oro

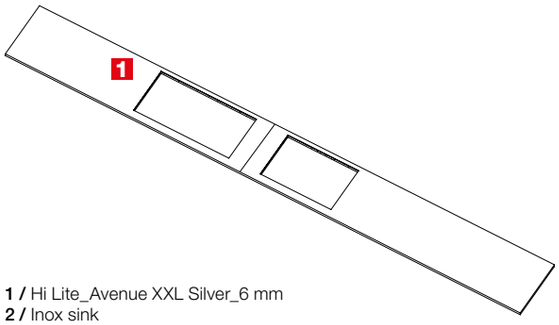


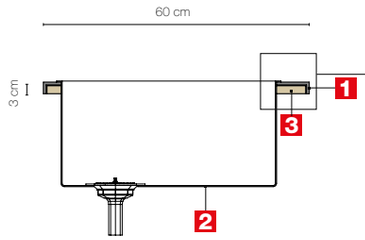
1 / Onice Oro_6 mm
2 / Metal frame
3 / Wood panel 16-18 mm

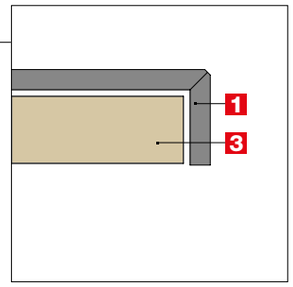
Floor_Hi Lite Avenue XXL Silver
Counter top_Hi Lite Avenue XXL Silver
Furniture_Hi Lite Avenue XXL Silver_Plumb

TECH_FOCUS

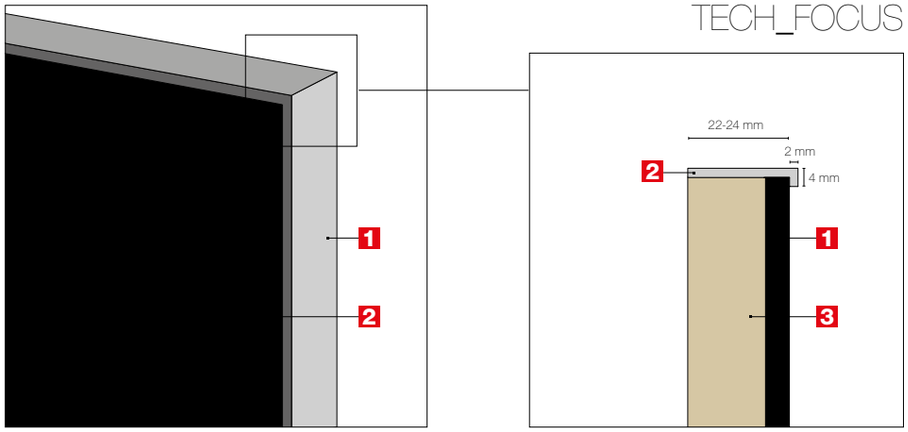
Top L. 540 cm P. 60 cm H. 3 cm







1 / Hi Lite_Avenue XXL Silver_6 mm
2 / Inox sink
3 / Technical board



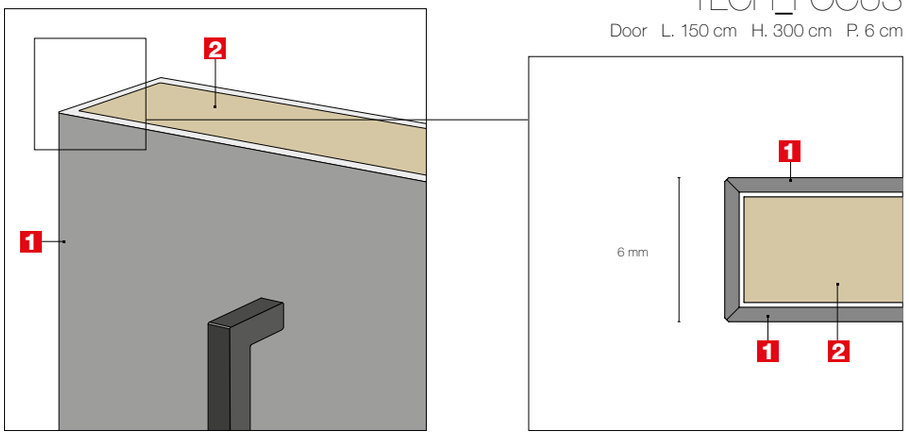
1 / FMG Maxfine Marmi Black Venato_6 mm
2 / Metal frame
3 / Wood panel 16-18 mm

Floor_Hi Lite Avenue XXL Ivory
Furniture_FMG Maxfine Marmi Black Venato
Table_Hi Lite Metal XXL Black Metal

Wall_ FMG Maxfine Marmi Extra White_ Black Venato
Floor_ FMG Maxfine Marmi Extra White_ Black Venato
Vanity top_ FMG Maxfine Marmi Black Venato
Furniture_ FMG Maxfine Marmi Extra White_Black Venato
Stairs_ FMG Maxfine Marmi Black Venato

TECH_FOCUS

Door L. 150 cm H. 300 cm P. 6 cm

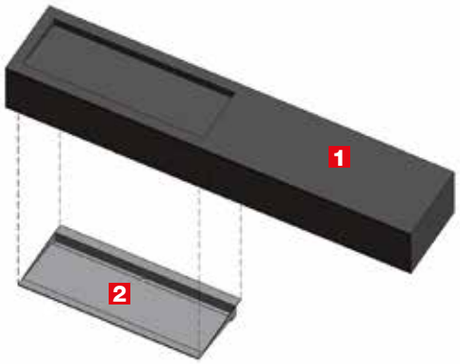


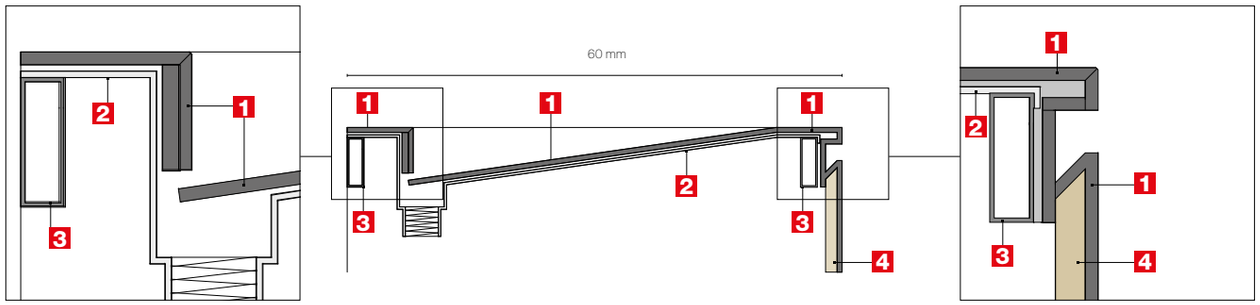
1 / FMG Maxfine Marmi Extra White_6 mm
2 / Technical panel 40 mm

PROVENCAL
PROVENCA

Wall_ FMG Maxfine Marmi Bianco Lasa_Blue De Savoie_Hi Lite Metal XXL Black Metal
Floor_FMG Maxfine Marmi Bianco Lasa
Vanity top_Hi Lite Metal XXL Black Metal
Furniture_Hi Lite Metal XXL Black Metal

Top L. 300 cm H. 60 cm P. 40 cm



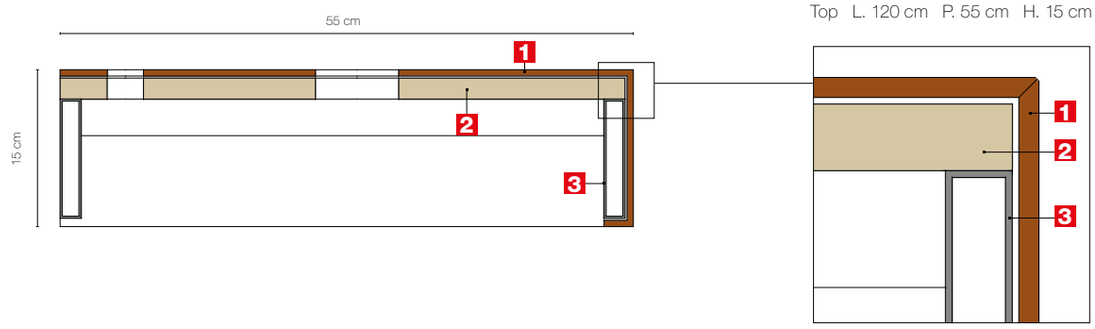


1 / Hi Lite Metal XXL Black Metal_6 mm
2 / Waterproof inox basin
3 / Metal frame
4 / Lacquered wood panel

Wall_FMG Maxfine Marmi Eramosa_Hi Lite Avenue XXL Ivory
Floor_FMG Maxfine Marmi Eramosa
Door_Hi Lite Avenue XXL Ivory
Vanity top_FMG Maxfine Marmi Eramosa

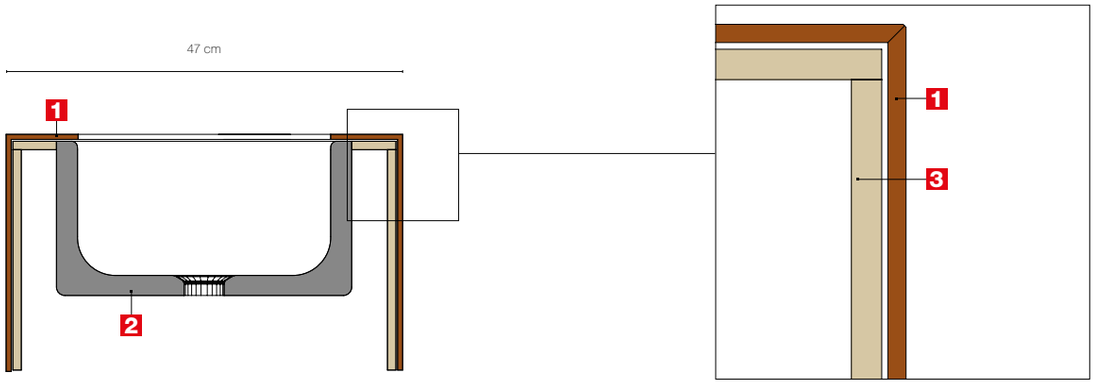
TECH_FOCUS

Top L. 120 cm P. 55 cm H. 15 cm



1 / FMG Maxfine Marmi Eramosa_6 mm
2 / Inox sink
3 / Technical board

Wall_FMG Maxfine Wood180 Caramel_Hi Lite Avenue XXL Amber
Floor_Hi Lite Avenue XXL Ivory
Door_Hi Lite Avenue XXL Ivory
Vanity top_Hi Lite Avenue XXL Amber
Furniture_Hi Lite Avenue XXL Amber

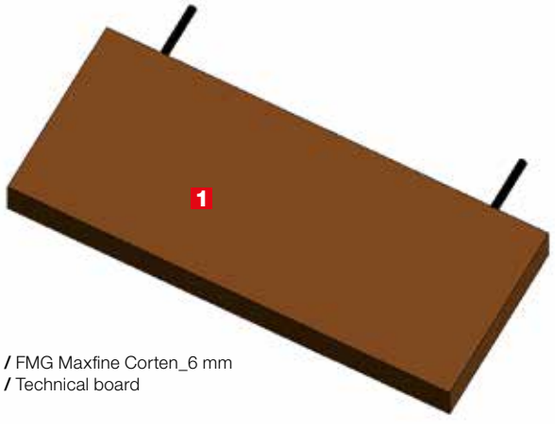


1 / FMG Maxfine Marmi Eramosa_6 mm
2 / Wash basin
3 / Technical panel

Wall_FMG Maxfine Travertino
Floor_FMG Maxfine Travertino
Furniture_FMG Maxfine Eramosa

W
M

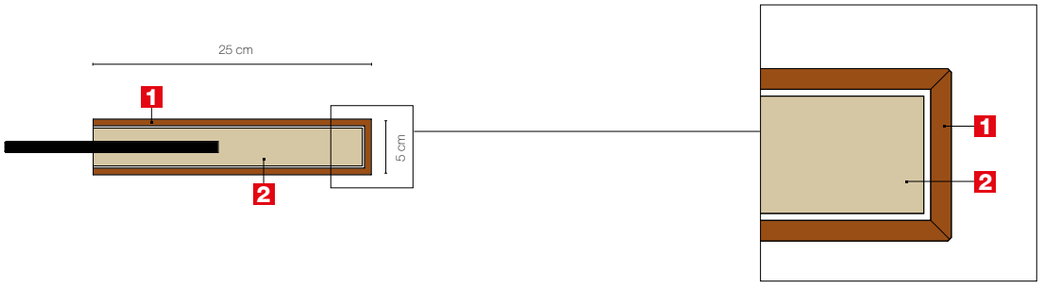
Wall_FMG Maxfine Wood180 Caramel
Floor_FMG Maxfine Wood180 Caramel_Corten
Vanity top_FMG Maxfine Marmi Arabescato
Furniture_FMG Maxfine Corten_Marmi Arabescato



1 / FMG Maxfine Corten_6 mm
2 / Technical board

TECH_FOCUS

Shelf L. 60 cm P. 25 cm H. 5 cm

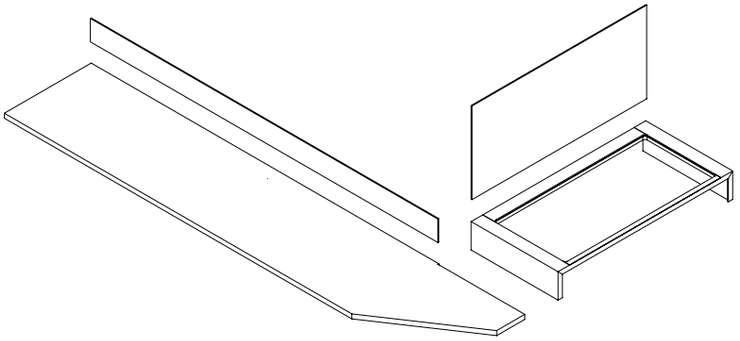


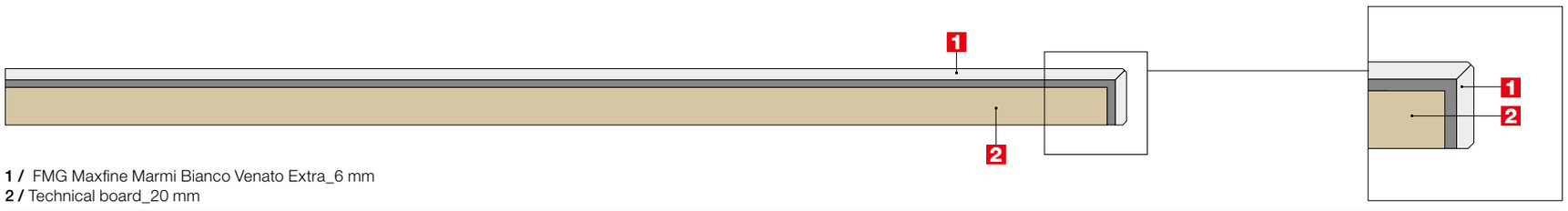
Wall_FMG Maxfine Marmi Calacatta
Floor_Hi Lite Avenue XXL Ivory
Furniture_FMG Maxfine Corten

Wall_FMG Maxfine Travertino
Floor_FMG Maxfine Roads Pearl Mind
Furniture_FMG Maxfine Corten

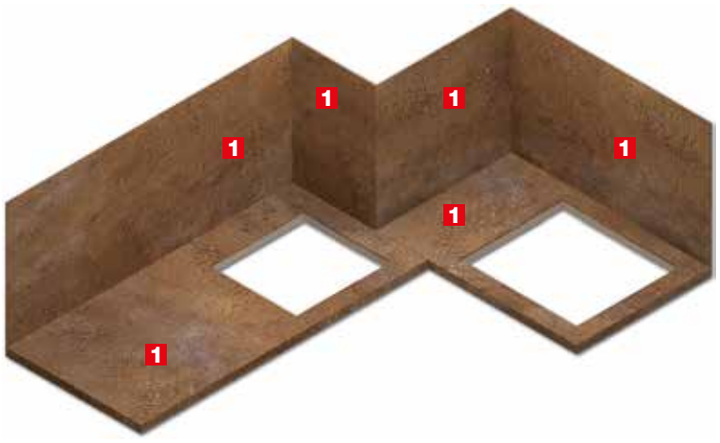
Kitchen countertop

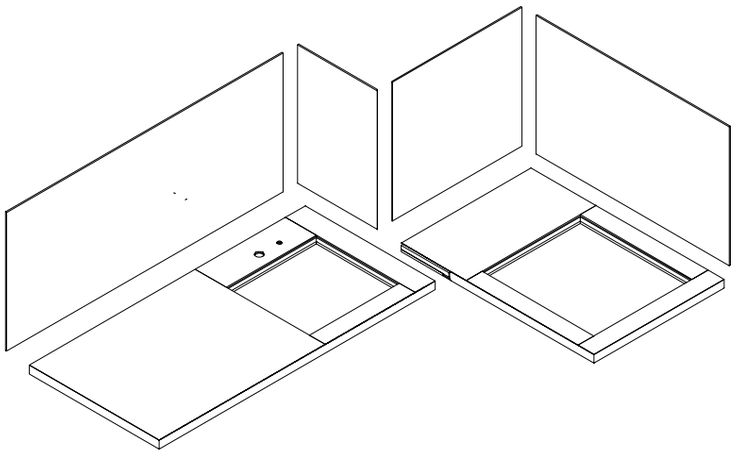
Top cucina
Plan de travail
Kuchenarbeitsplatte

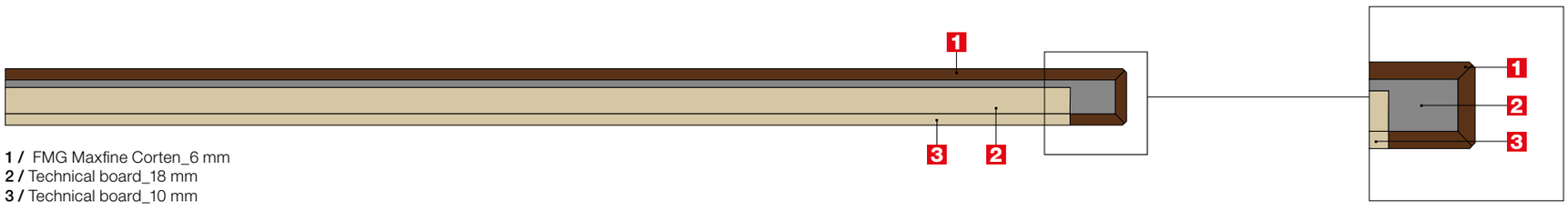




1 / FMG Maxfine Marmi Bianco Venato Extra_6 mm
2 / Technical board_20 mm







1 / FMG Maxfine Corten_6 mm
2 / Technical board_18 mm
3 / Technical board_10 mm

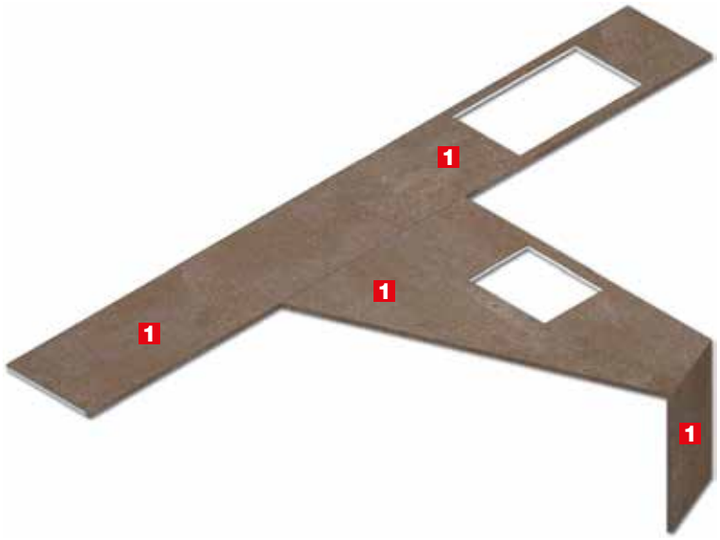
/ Project service

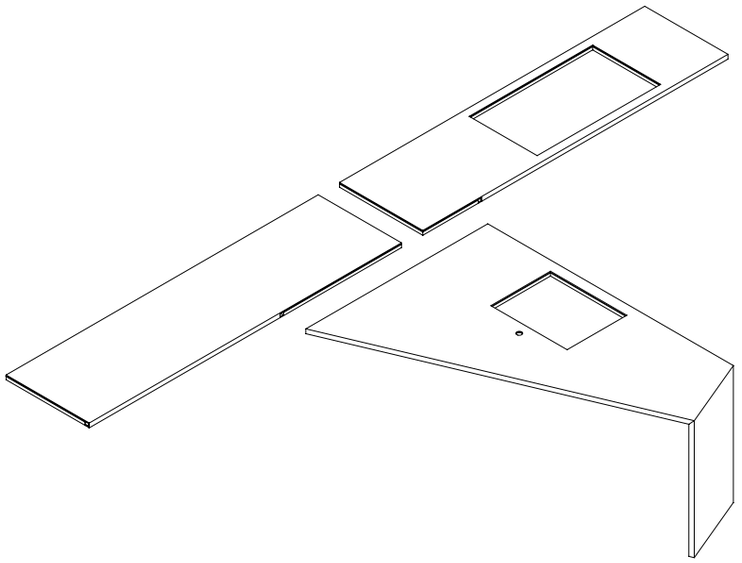
Lo staff interno di progettazione tecnica assiste i clienti, sviluppando anche nei particolari esecutivi qualsiasi richiesta che prevede l'applicazione del prodotto.

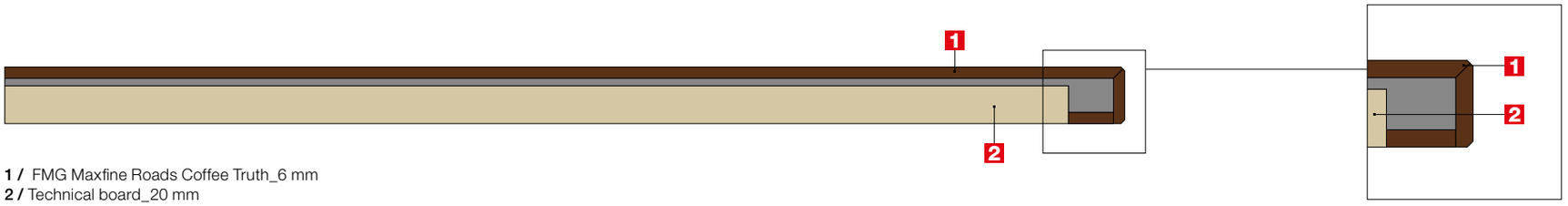
Our in-house technical design staff assists customers, developing also the working details of any request calling for application of the product.

Le personnel interne de conception technique prête son assistance aux clients, notamment en élaborant les détails d'exécution de toutes les demandes prévoyant la pose de nos produits.

Das gesamte technische Gestaltungsteam unterstützt den Kunden und entwickelt auch jede Art der Nachfrage, welche die Anwendung des Produkts vorsieht, bis in die Details der Ausführung.



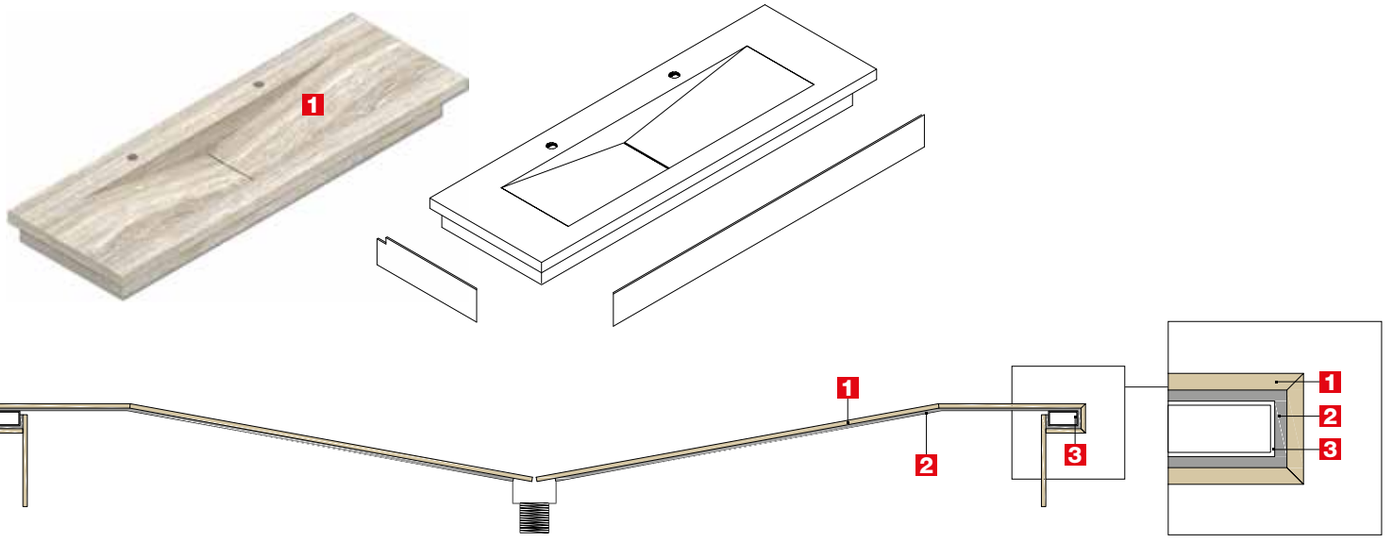




1 / FMG Maxfine Roads Coffee Truth_6 mm
2 / Technical board_20 mm

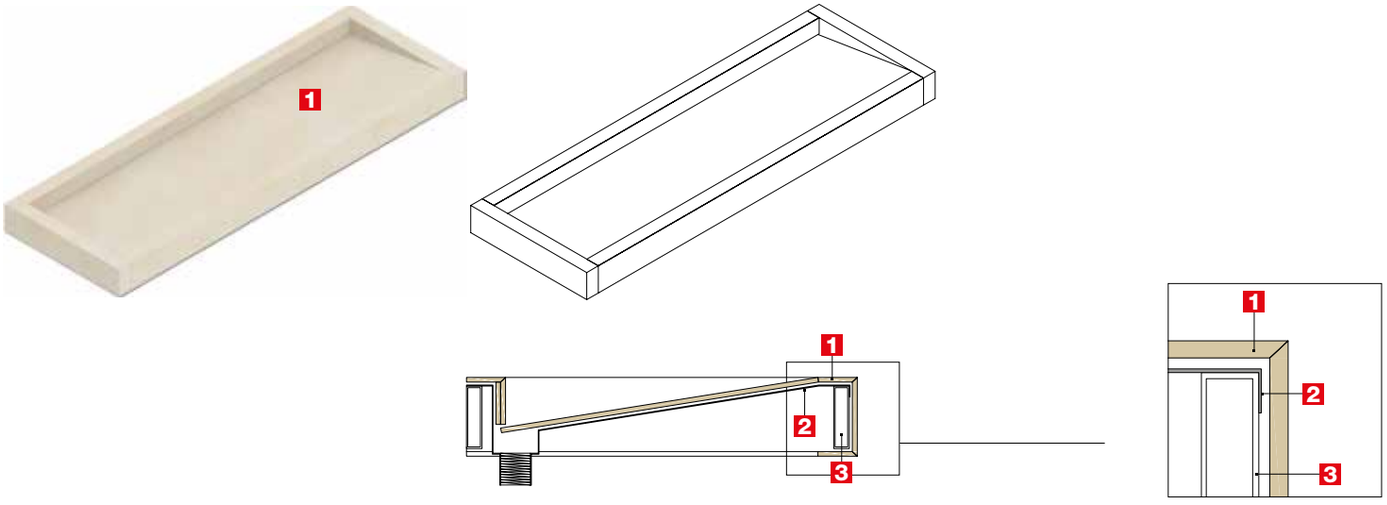
Vanity top

Top bagno
Plan vasque
Waschtisch



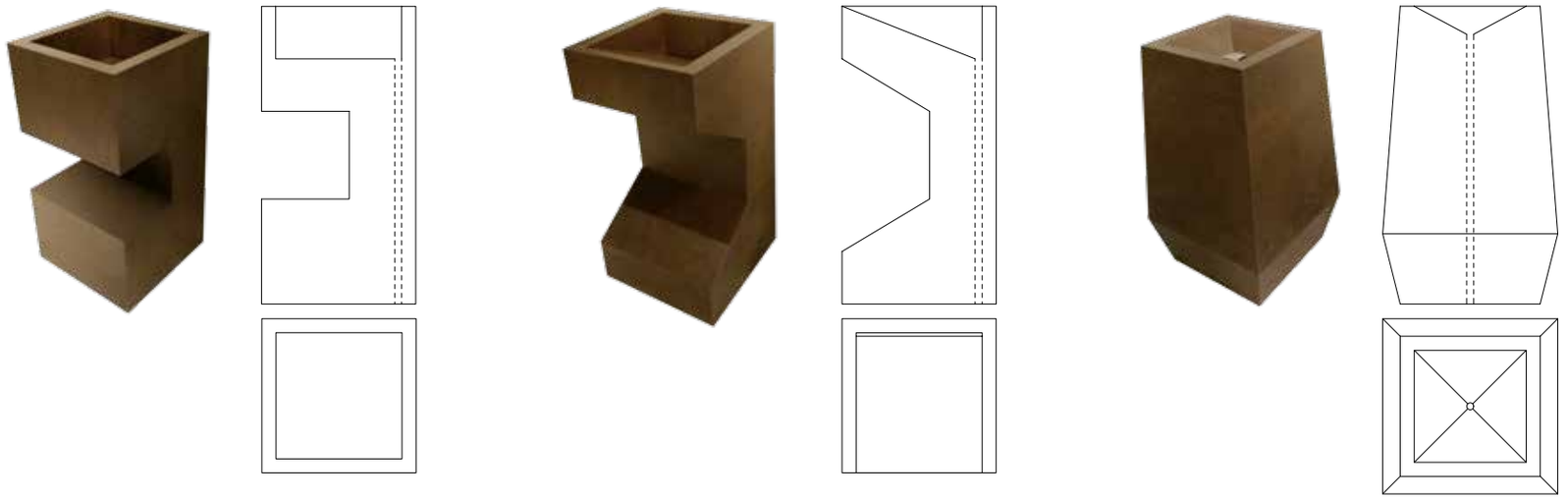
DOHA

1 / FMG Maxfine Travertino_6 mm
2 / Inox sink
3 / Metal frame



STARLING

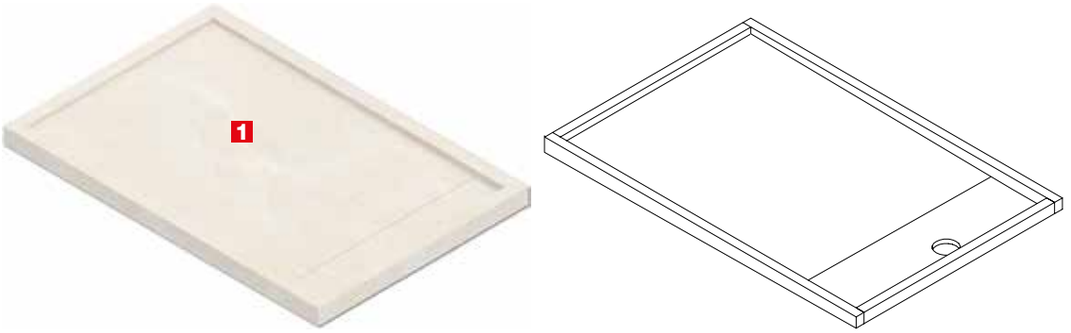
1 / FMG Maxfine Travertino_6 mm
2 / Inox sink
3 / Metal frame



1 / FMG Maxfine Corten_6 mm

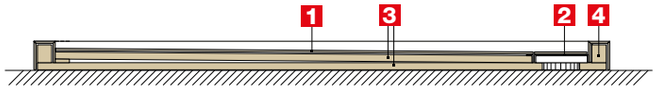
Showers

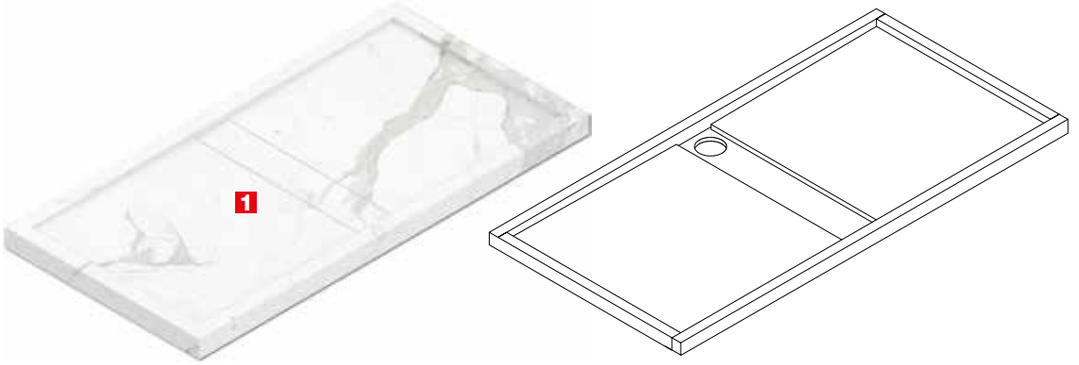
Docce
Bac à douche
Duschbereich



COVER

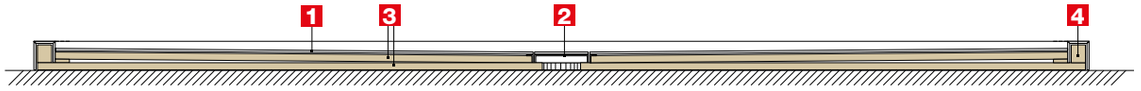
1 / FMG Maxfine Travertino_6 mm
2 / Inox sink
3 / Technical board_20 mm
4 / Technical board_40 mm

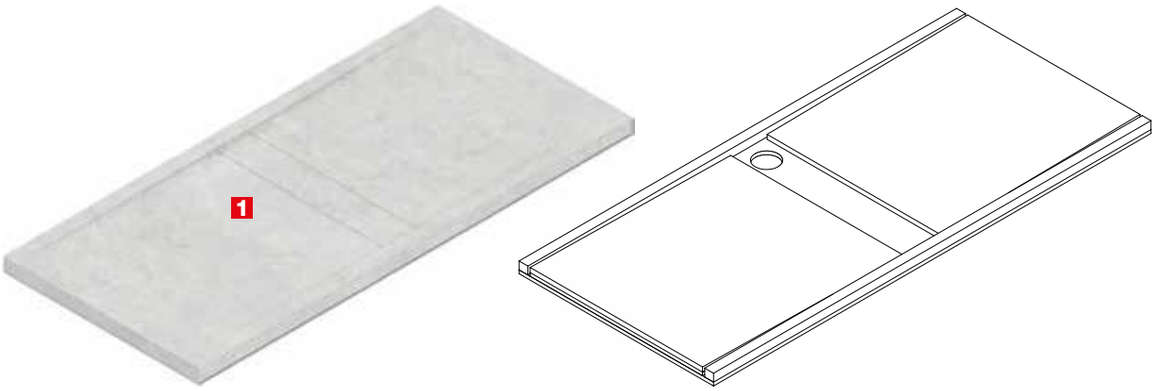




COVER

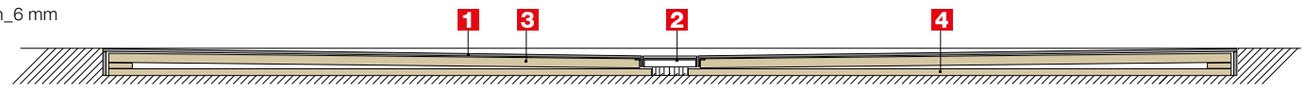
1 / FMG Maxfine Calacatta_6 mm
2 / Inox sink
3 / Technical board_20 mm
4 / Technical board_40 mm





LEVEL

1 / FMG Maxfine Limestone Ash_6 mm
2 / Inox sink
3 / Technical board_20 mm
4 / Technical board_15 mm



Marble inspiration

MARMI
ESTREMOZ CREMA

MARMI
CALACATTA

MARMI
ALPS HEART

TRAVERTINO
CLASSICO

MARMI
CREMA MARFIL EXTRA

ONICE
ONICE ORO

MARMI
THASSOS

ONICE
ONICE PERLA

MARMI
BIANCO VENATO EXTRA

MARMI
ARABESCATO

MARMI
EXTRA WHITE

MARMI
BIANCO LASA

/ Color range

Stone inspiration

TRAVERTINO

MARMI
ERAMOSA

PIETRE
LAVICA PEARL

LIMESTONE
MOON

PIETRE
LAVICA BEIGE

PIETRE
LAVICA DARK

MARMI
BLUE DE SAVOIE

MARMI
BLACK VENATO

PIETRE
LAVICA GREY

LIMESTONE
ASH

LIMESTONE
DEEP

PIETRE
LAVICA BLACK

Wood inspiration

WOOD 180
CARAMEL

WOOD 180
HONEY

WOOD 180
IVORY

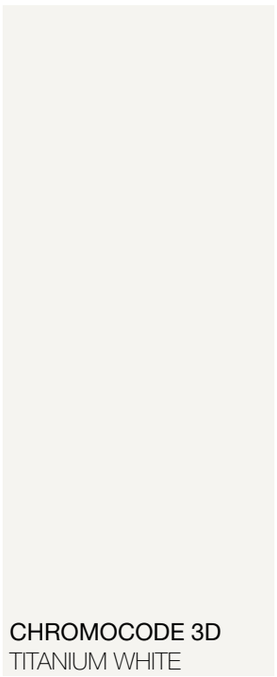
WOOD 180
FOSSIL

WOOD 180
GRAPHITE

Iron inspiration

CORTEN

Design inspiration



CHROMOCODE 3D
TITANIUM WHITE

ROADS
WHITE PURITY

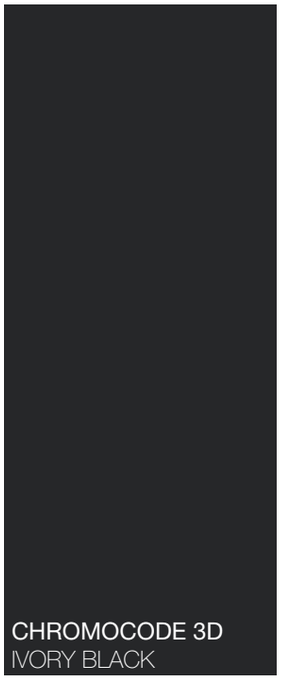
ROADS
SAND HEARTH

ROADS
COFFEE TRUTH

ROADS
PEARL MIND

ROADS
GREY CALM

ROADS
DARK DEPTH



CHROMOCODE 3D
IVORY BLACK

La mission di FMG è produrre materiali che rappresentino il massimo della bellezza, garantendo una disponibilità e una qualità che la pietra in natura non potrebbe offrire.
Block A e Block B sono due lastre che permettono di riprodurre l'effetto del marmo "a macchia aperta" con venatura speculare.
È un effetto che in natura è decisamente raro e prezioso, perché richiede una speciale lavorazione, partendo da particolari blocchi selezionati.
Questi prototipi di bellezza "ideale", finora riservati a edifici di lusso, sono oggi disponibile con continuità grazie all'avanguardia tecnologica MAXFINE.

IMPIEGO

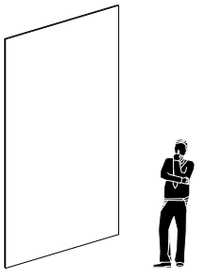
Le lastre Block A-Block B possono essere posate a coppie, orientandole come in foto o capovolte. Sono utilizzabili anche con composizioni multiple, replicando il modulo più volte.

La mission de FMG est de produire des matériaux d'une beauté maximale tout en garantissant une disponibilité et une qualité que la pierre naturelle ne pourrait pas offrir.
Les deux carrelages grands formats Block A et Block B permettent de reproduire l'effet du marbre au veinage spéculaire dit « à livre ouvert ».
Un effet particulièrement rare et précieux dans la nature étant donné qu'il exige une fabrication spéciale à partir de blocs sélectionnés.
Ces prototypes d'une beauté « idéale », réservés jusqu'à maintenant aux édifices de luxe, sont aujourd'hui disponibles en permanence grâce à l'avant-garde technologique MAXFINE.

UTILISATION

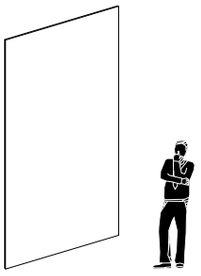
Les carrelages grands formats Block A-Block B peuvent être posés deux à deux soit en les orientant comme sur la photo soit en les retournant. En répliquant le module plusieurs fois, ils peuvent aussi être utilisés dans des compositions multiples.

MARMI CALACATTA



300x150 . 120"x60"
BLOCK A
BLOCK B

MARMI BIANCO VENATO EXTRA



300x150 . 120"x60"
BLOCK A
BLOCK B

/ Look

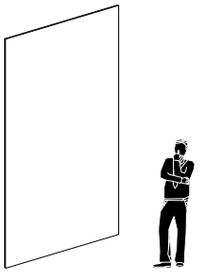
FMG's mission is to produce materials that are the tops in beauty, guaranteeing availability and quality such that stone, in nature, would be unable to offer.
Block A and Block B are two tiles that enable the effect of "book-matched" marble with mirror-image veining.
This effect is definitely rare in nature and precious as it requires special processing, starting out from particular selected blocks.
These prototypes of "ideal" beauty, set aside so far for luxury buildings, are now available on a continuous basis thanks to MAXFINE avant-garde technology.

USE
Block A and Block B tiles can be laid in pairs, positioning them as shown in the photograph or turned upside down. They can also be used with multiple compositions, replicating the module more than once.

Die Mission von FMG ist es Materialien herzustellen, die ein Maximum an Schönheit mit der Verfügbarkeit und einer Qualität kombinieren, die der Naturstein niemals bieten kann.
Block A und Block B sind zwei Platten, mit denen man den Effekt des Marmors "a macchia aperta" („offenes Buch") mit spiegelgleicher Maserung reproduzieren kann. Es handelt sich um einen Effekt, der in der Natur sehr selten und wertvoll ist, denn hier bedarf es einer speziellen Verarbeitung, bei der von besonderen und ausgewählten Blöcken ausgegangen wird.
Diese Prototypen der "idealen" Schönheit, die bisher den Luxusbauten vorbehalten war, gibt es heute – dank des technologischen Fortschritts von MAXIFINE - kontinuierlich.

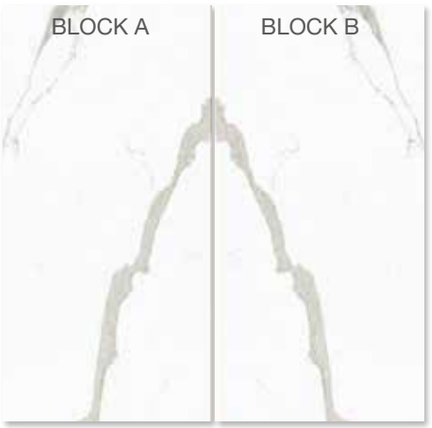
VERWENDUNG
Die Platten Block A-Block B können paarweise verlegt werden, indem sie wie im Bild ausgerichtet werden oder aber auch auf dem Kopf. Sie lassen sich auch bei Mehrfachkompositionen im Quadrat oder in der Reihe benutzen, wobei das Modul mehrere Male wiederholt wird.

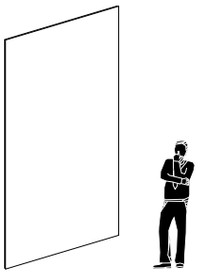
MARMI ARABESCATO



300x150 . 120"x60"
BLOCK A
BLOCK B

MARMI EXTRA WHITE





300x150 . 120"x60"
BLOCK A
BLOCK B

Avenue XXL

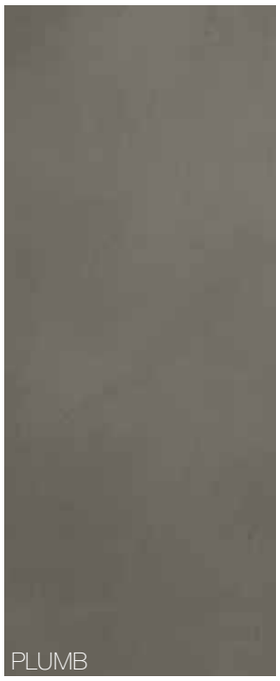
2 surfaces finishes

NATURALE
Natural
Naturel
Naturbelassen

PRELUCIDATA
Pre-Polished
Prépoli
Halbglänzend

IVORY

SILVER


PLUMB

AMBER

Metal XXL

2 surfaces finishes

METAL

CHROME

WHITE

CINIS WHITE

PATCH WHITE

GREY

CINIS GREY

Artsy

COLORE ITALIANO

MISTERO BLU

RIBBON

Creazioni grafiche dell'artista Erio Carnevali, in tre soggetti formato 150x300. Per rivestire gli interni in modo unico.

Graphic creations by the artist Erio Carnevali, in three subject featuring a 150 x 300 size. To line interiors in a unique manner.

Créations graphiques de l'artiste Erio Carnevali, en trois sujets format 150x300. Pour des revêtements d'intérieur uniques

Grafische Kreationen des Künstlers Erio Carnevali, drei Themen im Format 150x300. Für eine einzigartige Innengestaltung.

PATCH GREY

BLACK

CINIS BLACK

PATCH BLACK

Due diversi pattern decorativi tono su tono, sui tre colori in gamma.

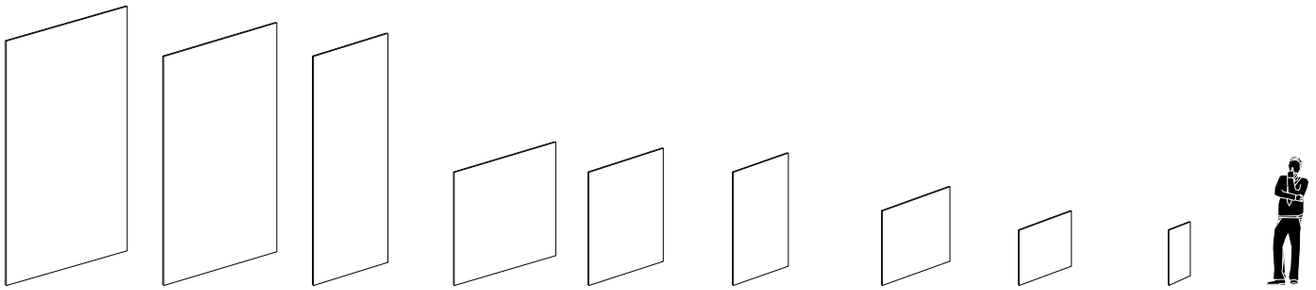
Two different decorative patterns in matching tones, in the three colours in the range.

Deux motifs décoratifs différents ton sur ton déclinés dans les trois couleurs de la gamme.

Zwei verschiedene Ton-in-Ton deklinierte Deko-Muster bei drei Farben der Palette.

MAXFINE

FMG



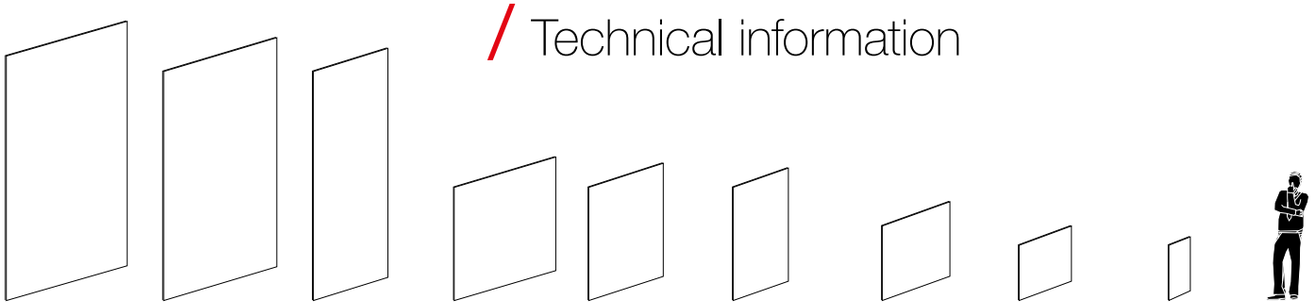
Marble inspiration 6 MM

		320x160* 128"x64"	300x150 120"x60"	300x100 120"x40"	150x150 60"x60"	150x100 60"x40"	150x75 60"x30"	100x100 40"x40"	75x75 30"x30"	75x37,5 30"x15"
MARMI ESTREMOZ CREMA	LU	*	L315316MF6	-	L150316MF6	-	L175316MF6	-	L75316MF6	L737316MF6
	PL	*	P315316MF6	-	P150316MF6	-	P175316MF6	-	P75316MF6	P737316MF6
MARMI CALACATTA	LU	*	L315265MF6	L310265MF6	L150265MF6	L1510265MF6	L175265MF6	L100265MF6	L75265MF6	L737265MF6
	PL	*	P315265MF6	P310265MF6	P150265MF6	P1510265MF6	P175265MF6	P100265MF6	P75265MF6	P737265MF6
MARMI CALACATTA BLOCK-A	LU	*	L315268MF6	-	-	-	-	-	-	-
	PL	*	P315268MF6	-	-	-	-	-	-	-
MARMI CALACATTA BLOCK-B	LU	*	L315267MF6	-	-	-	-	-	-	-
	PL	*	P315267MF6	-	-	-	-	-	-	-
MARMI ALPS HEART	LU	*	L315297MF6	-	L150297M F6	-	L175297MF6	-	L75297MF6	L737297MF6
	PL	*	P315297MF6	-	P150297MF6	-	P175297MF6	-	P75297MF6	P737297MF6
MARMI CREMA MARFIL EXTRA	LU	*	L315298MF6	L310298MF6	L150298MF6	L1510298MF6	L175298MF6	L100298MF6	L75298MF6	L737298MF6
	PL	*	P315298MF6	P310298MF6	P150298MF6	P1510298MF6	P175298MF6	P100298MF6	P75298MF6	P737298MF6
MARMI ERAMOSA	LU	*	L315315MF6	-	L150315MF6	-	L175315MF6	-	-	-
MARMI THASSOS	LU	*	L315189MF6	L310189MF6	L150189MF6	L1510189MF6	L175189MF6	L100189MF6	L75189MF6	L737189MF6
	PL	*	P315189MF6	P310189MF6	P150189MF6	P1510189MF6	P175189MF6	P100189MF6	P75189MF6	P737189MF6
MARMI BIANCO LASA	LU	*	L315326MF6	-	L150326MF6	-	L175326MF6	-	L75326MF6	L737326MF6
	PL	*	P315326MF6	-	P150326MF6	-	P175326MF6	-	P75326MF6	P737326MF6
MARMI BIANCO VENATO EXTRA	LU	*	L315300MF6	-	L150300MF6	-	L175300MF6	-	L75300MF6	L737300MF6
	PL	*	P315300MF6	-	P150300MF6	-	P175300MF6	-	P75300MF6	P737300MF6
MARMI BIANCO VENATO EXTRA BLOCK-A	LU	*	L315301MF6	-	-	-	-	-	-	-
	PL	*	P315301MF6	-	-	-	-	-	-	-
MARMI BIANCO VENATO EXTRA BLOCK-B	LU	*	L315302MF6	-	-	-	-	-	-	-
	PL	*	P315302MF6	-	-	-	-	-	-	-

* Disponibile su richiesta. | Available upon request. | Réalisable sur demande. | Verfügbar auf Anfrage.

10 MM Disponibile su richiesta. | Available upon request. | Réalisable sur demande. | Verfügbar auf Anfrage.

/ Technical information



Marble inspiration — 6 MM

		320x160* 128"x64"	300x150 120"x60"	300x100 120"x40"	150x150 60"x60"	150x100 60"x40"	150x75 60"x30"	100x100 40"x40"	75x75 30"x30"	75x37,5 30"x15"
MARMI ARABESCATO	LU	*	-	-	L150320MF6	-	L175320MF6	-	L75320MF6	L737320MF6
	PL	*	-	-	P150320MF6	-	P175320MF6	-	P75320MF6	P737320MF6
MARMI ARABESCATO BLOCK-A	LU	*	L315320MF6A	-	-	-	-	-	-	-
	PL	*	P315320MF6A	-	-	-	-	-	-	-
MARMI ARABESCATO BLOCK-B	LU	*	L315320MF6B	-	-	-	-	-	-	-
	PL	*	P315320MF6B	-	-	-	-	-	-	-
MARMI EXTRA WHITE	LU	*	L315317MF6	-	L150317MF6	-	L175317MF6	-	L75317MF6	L737317MF6
	PL	*	P315317MF6	-	P150317MF6	-	P175317MF6	-	P75317MF6	P737317MF6
MARMI EXTRA WHITE BLOCK-A	LU	*	L315318MF6	-	-	-	-	-	-	-
	PL	*	P315318MF6	-	-	-	-	-	-	-
MARMI EXTRA WHITE BLOCK-B	LU	*	L315319MF6	-	-	-	-	-	-	-
	PL	*	P315319MF6	-	-	-	-	-	-	-
MARMI BLUE DE SAVOIE	LU	*	L315327MF6	-	L150327MF6	-	L175327MF6	-	L75327MF6	L737327MF6
	PL	*	P315327MF6	-	P150327MF6	-	P175327MF6	-	P75327MF6	P737327MF6
MARMI BLACK VENATO	LU	*	L315314MF6	-	L150314MF6	-	L175314MF6	-	L75314MF6	L737314MF6
ONICE PERLA	LU	*	L315290MF6	-	L150290MF6	-	L175290MF6	-	L75290MF6	L737290MF6
	PL	*	P315290MF6	-	P150290MF6	-	P175290MF6	-	P75290MF6	P737290MF6
ONICE ORO	LU	*	L315289MF6	-	L150289MF6	-	L175289MF6	-	L75289MF6	L737289MF6
	PL	*	P315289MF6	-	P150289MF6	-	P175289MF6	-	P75289MF6	P737289MF6
TRAVERTINO CLASSICO	LU	*	L315328MF6	-	L150328MF6	-	L175328MF6	-	L75328MF6	L737328MF6
	PL	*	P315328MF6	-	P150328MF6	-	P175328MF6	-	P75328MF6	P737328MF6
TRAVERTINO	LU	*	L315288MF6	-	L150288MF6	-	L175288MF6	-	L75288MF6	L737288MF6
	PL	*	P315288MF6	-	P150288MF6	-	P175288MF6	-	P75288MF6	P737288MF6

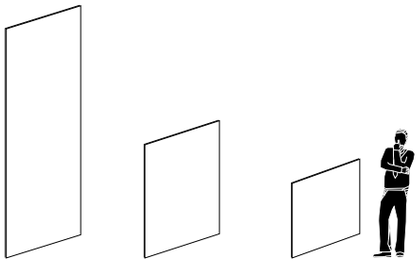
* Disponibile su richiesta. | Available upon request. | Réalisable sur demande. | Verfügbar auf Anfrage.

10 MM Disponibile su richiesta. | Available upon request. | Réalisable sur demande. | Verfügbar auf Anfrage.

MAXFINE

FMG

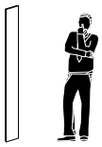
Stone inspiration — 6 MM



		300x100 120"x40"	150x100 60"x40"	100x100 40"x40"
LIMESTONE MOON	ST R10 A+B	P310311MF6	P1510311MF6	P100311MF6
LIMESTONE ASH	ST R10 A+B	P310312MF6	P1510312MF6	P100312MF6
LIMESTONE DEEP	ST R10 A+B	P310313MF6	P1510313MF6	P100313MF6
PIETRE LAVICA PEARL	PL	L310303MF6	L1510303MF6	L100303MF6
	N	P310303MF6	P1510303MF6	P100303MF6
PIETRE LAVICA BEIGE	PL	L310306MF6	L1510306MF6	L100306MF6
	N	P310306MF6	P1510306MF6	P100306MF6
PIETRE LAVICA DARK	PL	L310305MF6	L1510305MF6	L100305MF6
	N	P310305MF6	P1510305MF6	P100305MF6
PIETRE LAVICA GREY	PL	L310304MF6	L1510304MF6	L100304MF6
	N	P310304MF6	P1510304MF6	P100304MF6
PIETRE LAVICA BLACK	PL	L310307MF6	L1510307MF6	L100307MF6
	N	P310307MF6	P1510307MF6	P100307MF6

10 MM Disponibile su richiesta. | Available upon request. | Réalisable sur demande. | Verfügbar auf Anfrage.

Wood inspiration — 6 MM

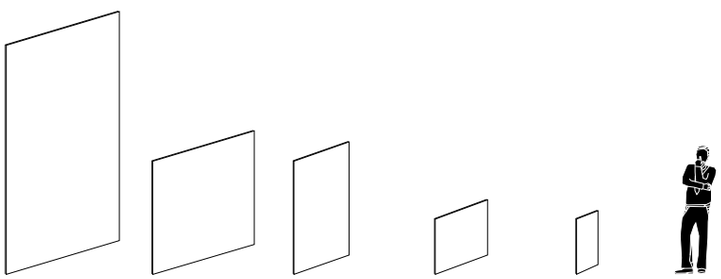


180x21,5
71"x8"

WOOD 180 CARAMEL	N	P2118322MF6
WOOD 180 HONEY	N	P2118321MF6
WOOD 180 IVORY	N	P2118324MF6
WOOD 180 FOSSIL	N	P2118323MF6
WOOD 180 GRAPHITE	N	P2118325MF6

10 MM Disponibile su richiesta. | Available upon request. | Réalisable sur demande. | Verfügbar auf Anfrage.

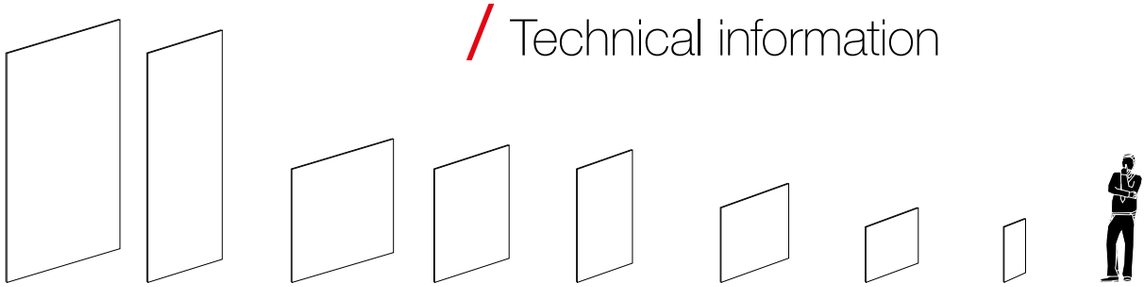
Iron inspiration — 6 MM



		300x150 120"x60"	150x150 60"x60"	150x75 60"x30"	75x75 30"x30"	75x37,5 30"x15"
CORTEN	PL	L315276MF6	L150276MF6	L175276MF6	L75276MF6	L737276MF6
	N	P315276MF6	P150276MF6	P175276MF6	P75276MF6	P737276MF6

10 MM Disponibile su richiesta. | Available upon request. | Réalisable sur demande. | Verfügbar auf Anfrage.

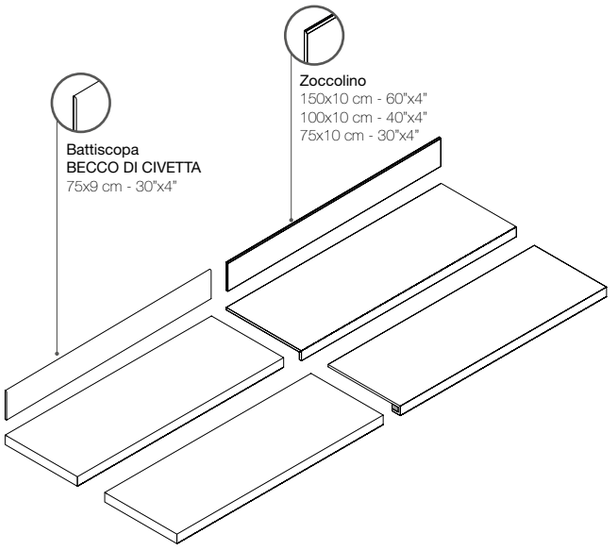
/ Technical information



Design inspiration — 6 MM

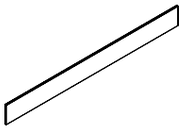
		300x150 120"x60"	300x100 120"x40"	150x150 60"x60"	150x100 60"x40"	150x75 60"x30"	100x100 40"x40"	75x75 30"x30"	75x37,5 30"x15"
ROADS WHITE PURITY	N	P315197MF6	P310197MF6	P150197MF6	P1510197MF6	P175197MF6	P100197MF6	P75197MF6	P737197MF6
ROADS SAND HEARTH	N	P315198MF6	P310198MF6	P150198MF6	P1510198MF6	P175198MF6	P100198MF6	P75198MF6	P737198MF6
ROADS COFFEE TRUTH	N	P315199MF6	P310199MF6	P150199MF6	P1510199MF6	P175199MF6	P100199MF6	P75199MF6	P737199MF6
ROADS PEARL MIND	N	P315200MF6	-	P150200MF6	-	P175200MF6	-	P75200MF6	P737200MF6
ROADS GREY CALM	N	P315201MF6	P310201MF6	P150201MF6	P1510201MF6	P175201MF6	P100201MF6	P75201MF6	P737201MF6
ROADS DARK DEPTH	N	P315202MF6	P310202MF6	P150202MF6	P1510202MF6	P175202MF6	P100202MF6	P75202MF6	P737202MF6
CHROMOCODE 3D TITANIUM WHITE	LU	L315240MF6	L310240MF6	L150240MF6	L1510240MF6	L175240MF6	L100240MF6	L757240MF6	L737240MF6
	N	P315240MF6	P310240MF6	P150240MF6	P1510240MF6	P175240MF6	P100240MF6	P757240MF6	P737240MF6
CHROMOCODE 3D IVORY BLACK	LU	L315247MF6	L310247MF6	L150247MF6	L1510247MF6	L175247MF6	L100247MF6	L757247MF6	L737247MF6
	N	P315247MF6	P310247MF6	P150247MF6	P1510247MF6	P175247MF6	P100247MF6	P757247MF6	P737247MF6

10 MM — Disponibile su richiesta. | Available upon request. | Réalisable sur demande. | Verfügbar auf Anfrage.

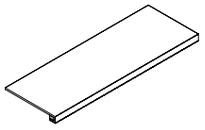


/ Trim pieces

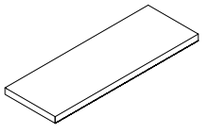
Disponibile su richiesta. | Available upon request. | Réalisable sur demande. | Verfügbar auf Anfrage.



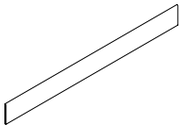
Zoccolino
150x10 cm - 60"x4"
100x10 cm - 40"x4"
75x10 cm - 30"x4"



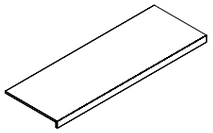
Scalino Costa retta
150x35x4 cm - 60"x14"x2"
100x35x4 cm - 40"x14"x2"



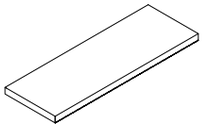
Angolo Scalino Costa retta
150x35x4 cm - 60"x14"x2"
100x35x4 cm - 40"x14"x2"



Battiscopa
BECCO DI CIVETTA
75x9 cm - 30"x4"

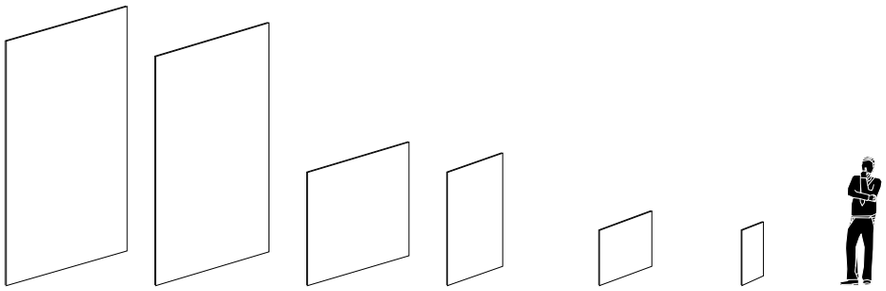


Scalino Bordo dritto
150x35x4 cm - 60"x14"x2"
100x35x4 cm - 40"x14"x2"



Angolo Scalino Bordo dritto
150x35x4 cm - 60"x14"x2"
100x35x4 cm - 40"x14"x2"

HILITE
Technology to Create



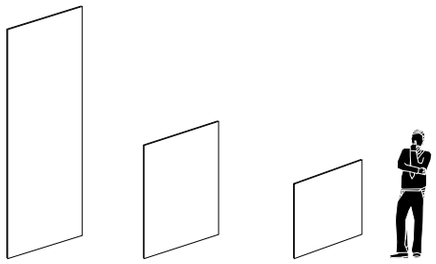
METAL **XXL** — 6 MM

		320x160* 128"x64"	300x150 120"x60"	150x150 60"x60"	150x75 60"x30"	75x75 30"x30"	75x37,5 30"x15"
WHITE	M	*	HI315001XL	HI150001XL	HI175001XL	HI75001XL	HI737001XL
	CH	*	HI315004XL	HI150004XL	HI175004XL	HI75004XL	HI737004XL
WHITE **CINIS**	M	*	HI315013XL	HI150013XL	HI175013XL	-	-
	CH	*	HI315016XL	HI150016XL	HI175016XL	-	-
WHITE **PATCH**	M	*	HI315007XL	HI150007XL	HI175007XL	-	-
	CH	*	HI315010XL	HI150010XL	HI175010XL	-	-
GREY	M	*	HI315002XL	HI150002XL	HI175002XL	HI75002XL	HI737002XL
	CH	*	HI315005XL	HI150005XL	HI175005XL	HI75005XL	HI737005XL
GREY **CINIS**	M	*	HI315014XL	HI150014XL	HI175014XL	-	-
	CH	*	HI315017XL	HI150017XL	HI175017XL	-	-
GREY **PATCH**	M	*	HI315008XL	HI150008XL	HI175008XL	-	-
	CH	*	HI315011XL	HI150011XL	HI175011XL	-	-
BLACK	M	*	HI315003XL	HI150003XL	HI175003XL	HI75003XL	HI737003XL
	CH	*	HI315006XL	HI150006XL	HI175006XL	HI75006XL	HI737006XL
BLACK **CINIS**	M	*	HI315015XL	HI150015XL	HI175015XL	-	-
	CH	*	HI315018XL	HI150018XL	HI175018XL	-	-
BLACK **PATCH**	M	*	HI315009XL	HI150009XL	HI175009XL	-	-
	CH	*	HI315012XL	HI150012XL	HI175012XL	-	-

* Disponibile su richiesta. | Available upon request. | Réalisable sur demande. | Verfügbar auf Anfrage.

10 MM Disponibile su richiesta. | Available upon request. | Réalisable sur demande. | Verfügbar auf Anfrage.

/ Technical information

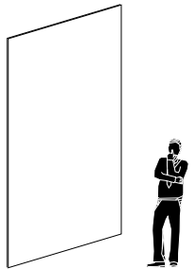


AVENUE **XXL**

6 MM

		300x100 120"x40"	150x100 60"x40"	100x100 40"x40"
IVORY	N	HI310023XL	HI1510023XL	HI100023XL
	PL	HI310027XL		HI100027XL
SILVER	N	HI310024XL	HI1510024XL	HI100024XL
	PL	HI310028XL		HI100028XL
PLUMB	N	HI310025XL	HI1510025XL	HI100025XL
	PL	HI310029XL		HI100029XL
AMBER	N	HI310026XL	HI1510026XL	HI100026XL
	PL	HI310030XL		HI100030XL

10 MM Disponibile su richiesta. | Available upon request. | Réalisable sur demande. | Verfügbar auf Anfrage.

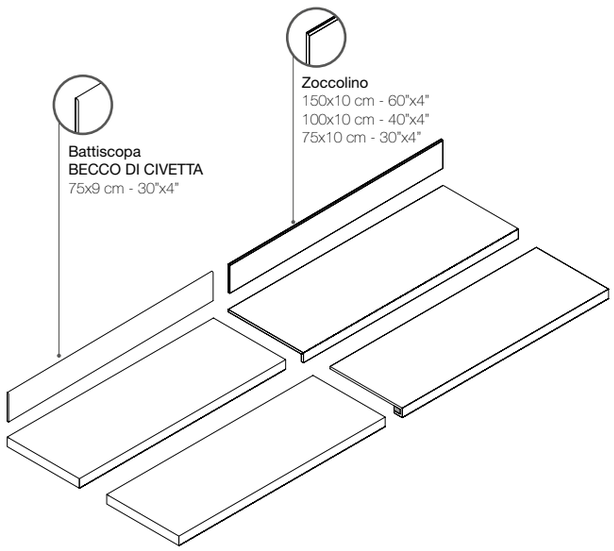


ARTSY

6 MM

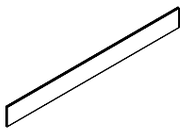
	300x150 120"x60"
COLORE ITALIANO	HI315020XL
MISTERO BLU	HI315021XL**
	HI315022XL
RIBBON	HI315019XL

** Lastra con firma. | Signed slab.

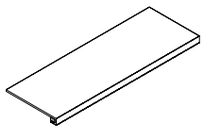


/ Trim pieces

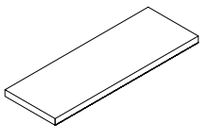
Disponibile su richiesta. | Available upon request. | Réalisable sur demande. | Verfügbar auf Anfrage.



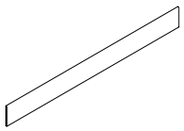
Zoccolino
150x10 cm - 60"x4"
100x10 cm - 40"x4"
75x10 cm - 30"x4"



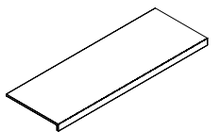
Scalino Costa retta
150x35x4 cm - 60"x14"x2"
100x35x4 cm - 40"x14"x2"



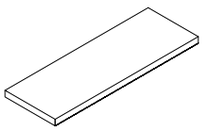
Angolo Scalino Costa retta
150x35x4 cm - 60"x14"x2"
100x35x4 cm - 40"x14"x2"



Battiscopa
BECCO DI CIVETTA
75x9 cm - 30"x4"



Scalino Bordo dritto
150x35x4 cm - 60"x14"x2"
100x35x4 cm - 40"x14"x2"



Angolo Scalino Bordo dritto
150x35x4 cm - 60"x14"x2"
100x35x4 cm - 40"x14"x2"

PULIZIA E MANUTENZIONE

Premessa_ Tutti i materiali FMG sono di facile pulizia e di semplice manutenzione. Una pulizia adeguata ne valorizza le caratteristiche estetiche donando ad ogni pavimento un'eccezionale brillantezza.

Pulizia iniziale_È di basilare importanza e deve essere effettuata immediatamente dopo la posa, per eliminare completamente i residui cementizi derivanti dalle malte, i residui di collanti e i residui epossidici che possono provenire dalle fughe. Viene consigliato l'uso di un prodotto acido, tipo FMG CLEAN a concentrazione 1:1.
Strofinare energicamente e, dopo la pulizia, risciacquare abbondantemente con acqua pulita, per asportare tutte le tracce del detergente utilizzato.
Queste operazioni sono indispensabili per tutte le collezioni FMG.

Manutenzione e cura_ Grazie al procedimento produttivo impiegato (alte temperature di cottura, materie prime di qualità e processo di sinterizzazione) la superficie dei materiali FMG è praticamente impermeabile (assorbimento d'acqua minimo). Pertanto anche la sporcizia non può penetrare ma deve soltanto essere asportata dalla superficie del materiale. In questa operazione si sconsiglia di utilizzare detergenti contenenti cere o prodotti ceranti onde evitare la formazione di strati untuosi; per la scelta del detergente più appropriato, fare riferimento ai capitoli seguenti.

Consigli generali_ Per grandi superfici soggette a carichi di sporco notevoli, quali aeroporti, ospedali, supermercati e luoghi pubblici ad alta intensità di traffico, si rendono indispensabili macchine per la pulizia con aspirazione dei liquidi di lavaggio. Ciò permetterà di ottenere non solo una pulizia profonda ma anche l'asportazione dei liquidi contenenti la sporcizia: in tal modo viene evitata la formazione di patine o pellicole altrimenti molto difficili da asportare.
Al fine di preservare le superfici dallo sporco e dalle lavorazioni di cantiere, a posa terminata le pavimentazioni, in particolar modo quelle realizzate con materiali levigati, devono essere adeguatamente protette con truciolare o altri materiali idonei. In tal modo sarà possibile evitare danneggiamenti provocati da lavorazioni successive.

Sui materiali FMG possono essere utilizzati tutti i detergenti esistenti sul mercato alla concentrazione indicata; è escluso l'acido fluoridrico (HF) e tutti i suoi composti, come da norma UNI-EN 176. La concentrazione del detergente deve essere sempre la più bassa possibile, sia per contenere i costi che per velocizzare la manutenzione.
Per pavimenti sopraelevati si consigliano prodotti lucidati o levigati in formati grandi in modo da effettuare operazioni di manutenzione a secco, o con un minimo utilizzo di liquidi.
Una volta ultimata la posa in opera è necessario effettuare una pulizia iniziale approfondita della pavimentazione con prodotti idonei.

Detergenti_ Indispensabili per preparare perfettamente la base nella posa su vecchio pavimento (FMG Neat), o per rimuovere ogni traccia di lavorazione dai materiali posati (FMG Clean).

Materiali naturali_ Per questi materiali, dopo aver effettuato le operazioni specificate nella sezione "Pulizia iniziale" è sufficiente una normale manutenzione con una soluzione acquosa contenente piccole percentuali di un detergente alcalino, tipo FMG NEAT o Cif.
Per questi tipi di superficie è sconsigliabile eseguire un trattamento impermeabilizzante: non essendoci alcuna porosità, l'impermeabilizzazione si depositerebbe soltanto sulla superficie in modo disomogeneo causando così effetti estetici disarmonici.

CLEANING AND MAINTENANCE

Introduction_ All FMG materials are easy to clean and maintain. Regular cleaning highlights the aesthetic features of the material and gives the floor an exceptional shine.

Initial cleaning_ The initial cleaning done immediately after the flooring laid is of essential importance for removing all mortar, adhesives and epoxy residues that may be left in the joints. In this initial phase, we recommend that you use an acid product such as FMG CLEAN, in a 1:1 concentration.
Rub energetically to obtain the maximum cleaning. After washing the floor, which is just as important, rinse thoroughly with plenty of water to remove all traces of the detergent used. These steps are recommended for
all FMG collections.

Maintenance and care_ Thanks to the characteristics of the production process (high firing temperature, raw materials of great quality, sinterizing process), the surface of FMG material is waterproof (the water absorption is minimum). Therefore the dirt cannot penetrate but it is necessary to remove it from the surface. For this procedure do not use detergents containing waxes or waxing products, in order to avoid the forming of greasy layers; for choosing the most appropriate detergent refer to the following chapters. After the installation of floors, particularly of those made with polished materials, the surfaces should be adequately protected with particle board or other suitable materials in order to protect them from dirt and on-site processing. This prevents damage caused by subsequent processing

General recommendations_ For commercial and heavily used surface areas such as airports, hospitals, supermarkets, and any public spaces with heavy foottraffic which are thus subject to considerable soiling, it is necessary to use automatic cleaning machines with suction of the washing liquids.
This allows not only deep cleaning, but also the continuous removal of liquids containing substances that cause soiling, thus preventing the formation of films which are very difficult to remove. Any detergent on the market can be used in the desired concentration for cleaning the high technology sinterized FMG products, with the exception of HYDROFLUORIC acid (HF) or its compounds, according to UNI-EN 176 standards. In order to keep costs limited and speed up maintenance operations, the concentration of the detergent must always be as low as possible. For raised floos we suggest to choose bright or polished surfaces in large sizes: these materials can be dry cleaned or with the minimum use of liquids. After the floor is laid it is necessary to make a very accurate initial cleaning with proper products.

Detergents_ The detergents are essential when laying new materials on old floors and for preparing the support surface perfectly (FMG Neat) as well as after installation to remove all traces of cement, adhesive or sealant from the newly laid materials (FMG Clean). Use FMG Mineral to protect polished porcelain stoneware, to facilitate the removal of dirt.

Matt materials_ For these materials, after completing the steps described in the section "Initial Cleaning", you only need to clean the floor with hot water containing small quantities of an alkaline detergent such as FMG NEAT or Cif.
On these types of surface it is not advisable to apply a waterproofing product: the absence of porosity causes the waterproofing agent to deposit on the surface in an uneven way and to have unpleasant aesthetic effects.

/ Cleaning and maintenance

EINIGUNG UND PFLEGE

Einleitung_ Alle FMG Materialien sind einfach zu reinigen und pflegeleicht. Eine angemessene Reinigung wertet die ästhetischen Eigenschaften auf und verleiht jedem Boden einen außergewöhnlichen Glanz.

Erste Reinigung_ Von entscheidender Bedeutung ist die Anfangsreinigung, die direkt nach dem Verlegen zu erfolgen hat, um aus dem Mörtel stammende Zementrückstände, Kleberrückstände sowie Epoxydrückstände der Fugen vollständig zu beseitigen. In dieser Phase wird die Verwendung eines säurehaltigen Produktes empfohlen zum Beispiel FMG CLEAN in einer Konzentration von 1:1. Für eine gründliche Reinigung muß kräftig gescheuert werden. Nach der Reinigung
ist das Spülen mit reichlich Wasser ebenfalls von großer Wichtigkeit, um alle Spuren des verwendeten Reinigungsmittels zu entfernen. Diese Arbeitsgänge sind für alle Kollecktionen unverzichtbar.

Wartung und pflege_ Dank des angewandten Prouktionsverfahrens (hohe Brenn-temperatur, qualitativ hochwertiges Rohmaterial und Sinterung) ist die Oberfläche der FMG Materialien praktisch völlig wasserabweisend (minimale Feuchtigkeitsaufnahme). Daher kann Schmutz auch nicht in die Oberfläche eindringen, sondern muß nur von der Oberfläche entfernt werden. Es ist davon abzuraten, dafür wachshaltige Reinigungsmittel oder Produkte zum Einwachsen zu verwenden, um die Bildung von öligen Schichten zu vermeiden.
In den nachfolgenden Abschnitten wird näher auf die Auswahl der geeigneten Reinigungsmittels eingegangen. Um die Oberflächen vor Verschmutzungen und Beschädigungen durch Bauarbeiten zu schützen, müssen die Bodenbeläge, insbesondere die aus geschliffenen Materialien, nach der Verlegung entsprechend mit Spanplatten oder anderen geeigneten Materialien abgedeckt werden. Auf diese Weise können Beschädigungen durch spätere Arbeiten vermieden werden.

Allgemeine Hinweise_Für grosse, bedeutende Oberflächen wie Flughäfen, Krankenhäuser, Supermärkte und andere öffentliche Bereiche mit hohem Verkehrsaufkommen, die daher auch einer starken Verschmutzung ausgesetzt sind, ist der Einsatz von automatischen Reinigungsmaschinen mit Absaugung der Reinigungsflüssigkeit unverzichtbar, da sie nicht nur eine tiefe Reinigung erlauben, sondern auch ständig die Flüssigkeit mit dem Schmutz entfernen und so die Bildung von eventuellen Schmutz-oder Schmierfilmen vermeiden, die immer schwer zu entfernen sind.
Auf den FMG Materialien, können alle auf dem Markt befindichen Reinigungsmittel in der gewünschten Konzentration verwendet werden, mit Ausnahme von Fluorsäure (HF) oder ähnlichen Produkten, germäss UNI-EN 176.
Die Konzentration des Reinigungsmittels muss aus Gründen der Kosten und der Schnelligkeit der Reinigung stets so gering wie möglich sein. Für die Doppelböden werden grossen Formate in glänzender oder geschliffener Ausführung empfohlen, so, dass eine trockene oder leicht feuchte Pflege ausreichend ist. Nach Abschluss der Verlegearbeit ist es notwending, mit geeigneten Reinigungsmitteln eine gründliche Anfangsreinigung des Fussbodens durchzuführen.

Reinigungsmittel_ Die Reinigungsmittel sind unabkömmlich, sowohl wenn Sie das Material auf einem alten Bodenbelag verlegen wollen um den Untergrund vorzubereiten (FMG Neat), als auch um jede Spur von Zement, Kleber oder Fugenmörtel auf dem verlegten Material zu entfernen (FMG Clean). Verwenden Sie FMG Mineral für die Imprägnierung und die Reinigung des polierten Feinsteinzeugs.

Matt Materialien_Für diese Materialien ist, nachdem die im Kapitel “Anfangsreinigung” dargelegten Schritte durchgeführt wurden, eine gewöhnliche Wartung mit einer wässrigen Lösung, die einen kleinen Anteil alkalischen Reinigungsmittels (zum Beispiel FMG NEAT oder Viss) enthält, notwendig. Für diese Arten von Oberfläche ist von einer Wasserfestigkeitsbehandlung abzuraten; da die Oberflächen nicht porös sind, würde eine Wasserfestigkeitsbehandlung nur zu ungleichmässigen Ablagerungen auf der Oberfläche und damit zu einem optisch disharmonischen Eindruck führen.

NETTOYAGE ET ENTRETIEN

Avant-propos_ Tous les matériaux FMG sont faciles à nettoyer et à entretenir. Un nettoyage adéquat met en relief les caractéristiques esthétiques, conférant à chaque sol un éclat particulier.

Nettoyage initial_ Le nettoyage initial est d’une importance fondamentale et doit s’effectuer immédiatement après la pose pour éliminer totalement les résidus de ciment des mortiers, les résidus de colle et les résidus epoxy provenant des joints. Nous conseillons dans cette phase d’utilizer un produit acide, du type FMG CLEAN concentré à 1:1. Frottez énergiquement pour obtenir un nettoyage parfait.
Aprés le lavage, il est également important de rincer abondamment à l’eau claire pour éliminer toutes les traces du détergent utilisé. Ces opérations sont indispensables pour toutes les collections de FMG.

Entretien et soin_ Grâce aux caractéristiques du procédé de production (hautes témperatures de cuisson, matières premières de qualité et procédé de grésage) la surface des matériaux FMG est pratiquement imperméable (l’absorption d’eau est minimum). Cela signifie que la saleté ne peut pas pénétrer mais doit seulement être retyrée de la surface du matériau. Pour cette opération on déconseille l’usage des détergents contenant de la cire ou des produits de cirage afin d’éviter la formation de couches de graisse ; pour le choix du détergent le plus approprié, lisez les chapitres suivants. Après avoir achevé la pose des sols, notamment ceux réalisés avec des matériaux polis, appliquer des panneaux de particules ou autres matériaux adéquats pour protéger comme il se doit les surfaces contre la saleté et les résidus de chantier. Il sera ainsi possible d’éviter que les opérations suivantes n’abîment
le carrelage.

Conseils généraux_ Pour les grandes et importantes surfaces comme les aéroports, les hopitaux, les supermarchés et les lieux publics à circulation très intense et qui par conséquent se salissent beaucoup, il est indispensable d’utiliser des machines automatiques de nettoyage qui aspirent les liquide de lavage. Vous obtiendrez non seulement un nettoyage profond mais vous éliminerez en permanence les liquides contentant les matériaux responsable de saleté et vous éviterez la formation de patine ou de pelicule qui sont toujours très dificiles à éliminer. Vous pouvez utilizer sur les matériaux FMG, produits de haute technologie et grésage, tous les détergents que propose le marché, à la concentration souhaitée, excepté l’acide fluorhydrique (HF) et ses composants, suivant les normes UNIEN 176. La concentration du détergent doit toujours être la plus faible possible pour réduire le côut et activer l’entretien. Pour les faux-planchers nous conseillons, dans les grands formats, les produits lustrés ou polis. En effet, nous recommandons un entretien à sec, ou avec un minimum de liquide. Quand la pose est terminée, il est nécessaire d’effectuer un nettoyage initial très approfondi avec les produits appropriés.

Les detergents_ Les détergents vous seront indispensables aussi bien lorsque vous voudrez poser les carreaux sur un vieux sol, pour préparer une base parfaite (FMG Neat), que pour éliminer des carreaux
posés toute trace de ciment, colle ou produit de jointoiement (FMG Clean).
Utilisez FMG Mineral pour la protection et le
nettoyage du grès cérame poli.

Materiaux non polis_ Aprés avoir effectué les opérations décrites plus haut, un entretien normal suffit à ces matériaux, avec une solution aqueuse contenant un fible pourcentage de détergent alcalin, type FMG NET ou Cif. pour ces types de surface ni est pas conseillable de faire un traitement impermeabilisant : vu qu’ils ne sont pas poreuses l’argent impermeabilisant resterait sur la surface et causerait des effets esthetiques non armonieux.

/ Weights and packing

IMBALLO Cassa di legno ***PACKAGING*** *Crate in wood*		**FORMATO** lastre in mm ***FORMAT*** *slabs in mm*	**PEZZI** capienza max ***ITEMS*** *max capacity*	**SCATOLE** capienza max ***BOXES*** *max capacity*	**MQ** capienza max ***SQ.M.*** *max capacity*	**KG** capienza max ***KG*** *max capacity*	**NOTE** ***NOTES***
	CASSA CON INTERFALDA 300x150: Ingombro: 322 x 163 x h.34 cm Peso: 114 kg *Crate with padding layers 300x150:* *Size: 322 x 163 x 34(H) cm* *Weight: 114 kg*	300x150	12	-	54,00	870,00	- ordine minimo 2 lastre per cassa; - non sono ammessi più di 6 articoli (codici) differenti per cassa; **carico su camion:** - sovrapponibilità max. su camion n. 6 casse; - max. 24 casse su camion (4 spazi) compatibilmente con i limiti di peso totale; - possibilità di affiancare a ciascuna pila nr. 2 europallet; *- minimum order: 2 slabs per crate;* *- no more than 6 items (codes) per crate allowed;* ***loading on lorry:*** *- stack max. 6 crates on lorry;* *- max. 24 crates on lorry (4 spaces) within total weight limits;* *- option of placing 2 euro-pallets next to each stack;*
	CASSA CON INTERFALDA 300x100: Ingombro: 324 x 115 x h.37 cm Peso: 100 kg *Crate with padding layers 300x100:* *Size: 324 x 115 x37(H) cm* *Weight: 100 kg*	300x100	16	-	48,00	776,00	- ordine minimo 3 lastre per cassa; - non sono ammessi più di 6 articoli (codici) differenti per cassa; **carico su camion:** - sovrapponibilità max. su camion n. 5 casse; - max. 32 casse su camion (8 spazi) compatibilmente con i limiti di peso totale; - possibilità di affiancare le casse l'una all'altra; *- minimum order: 3 slabs per crate;* *- no more than 6 items (codes) per crate allowed;* ***loading on lorry:*** *- stack max. 5 crates on lorry;* *- max. 32 crates on lorry (8 spaces) within total weight limits;* *- option of placing crates next to each other;*
	CASSA CON INTERFALDA 150x150: Ingombro: 172 x 163 x h.41 cm Peso: 66,5 kg *Crate with padding layers 150x150:* *Size: 172 x 163 x 41(H) cm* *Weight: 66,5 kg*	150x150	24	-	54,00	822,50	- ordine minimo 4 lastre per cassa; - in ciascuna cassa il numero di lastre per articolo deve sempre essere pari; - non sono ammessi più di 6 articoli (codici) differenti per cassa; **carico su camion:** - sovrapponibilità max. su camion n. 5 casse; - max. 28 casse su camion (7 spazi) compatibilmente con i limiti di peso totale; - possibilità di affiancare a ciascuna pila nr. 1 europallet; *- minimum order: 4 slabs per crate;* *- each crate must always contain an even number of slabs per item;* *- no more than 6 items (codes) per crate allowed;* ***loading on lorry:*** *- stack max. 5 crates on lorry;* *- max. 28 crates on lorry (7 spaces) within total weight limits;* *- option of placing 1 euro-pallet next to each stack;*

NOTE
- Il peso di casse e cavalletti è suscettibile di variazioni sensibili in base allo stato di umidità al momento della misurazione del peso;
- carico su camion: l'indicazione del numero massimo di casse è riferito ad un pianale unico di 13,6 x 2,45 m, compatibilmente con il peso; per camion di dimensioni differenti occorre riformulare il calcolo sulla base dello spazio e del volume delle casse;
- Carico su camion: per la sovrapponibilità di casse alte e basse non oltrepassare l'altezza max. del numero di casse alte indicate per ciascun formato;
- Imballo in casse alte / basse / pallet: a parità di articolo (codice) ordinato, le casse vengono via via riempite secondo l'imballo di massima capienza (es: ordine 90 mq articolo XYZ in formato 150x75 cm sarà imballato con nr. 1 cassa alta contenente 58,5 mq + nr. 1 cassa alta per 31, 5 mq);
- Reso delle casse: Il cliente avrà la facoltà di restituire le casse addebitate in fattura, franco stabilimento Ariostea. Personale autorizzato accerterà lo stato delle casse rese e compilerà il modulo di reso esclusivamente per le casse integre e complete dei quattro dischi metallici (bulldog) posti su ciascun angolo.
  Non possono essere resi né cavalletti, né pallet.

NOTE
- *The weight of the crates and racks is subject to significant variations based on the moisture content at the time the weight was measured;*
- *Loading on lorry: the specified maximum number of crates refers to a single 13.6 x 2.45 m platform, within weight limits; for lorries of different sizes, calculation must be made based on the space and volume of the crates;*
- *Loading on lorry: to stack tall and short crates, do not exceed the maximum height for the number of tall crates specified for each format;*
- *Packaging in pallets/tall/short crates: for the same item (code) ordered, the crates are gradually filled according to the package of maximum capacity (e.g.: an order of 90 sq.m. of item XYZ in format 150 x 75 cm will be packaged in 1 tall crate containing 58.5 sq.m. + 1 tall crate containing 31.5 sq.m.);*
- *Crate return: the customer will have the option of returning the crates billed on the invoice, ex-factory Ariostea. Authorised employees will check the conditions of the returned crates and will fill out the return form, exclusively for undamaged crates that include the four toothed metal discs placed on each corner. Racks and pallets cannot be returned.*

IMBALLO Cassa di legno ***PACKAGING*** *Crate in wood*		**FORMATO** lastre in mm ***FORMAT*** *slabs in mm*	**PEZZI** capienza max ***ITEMS*** *max capacity*	**SCATOLE** capienza max ***BOXES*** *max capacity*	**MQ** capienza max ***SQ.M.*** *max capacity*	**KG** capienza max ***KG*** *max capacity*	**NOTE** ***NOTES***
	CASSA ALTA: Ingombro: 171 x 112 x h.65 cm Peso: 72 kg CASSA BASSA: Ingombro: 170 x 112 x h.40 cm Peso: 51 kg TALL CRATE: *Size: 171 x 112 x 65(H) cm* *Weight: 72 kg* SHORT CRATE: *Size: 170 x 112 x 40(H) cm* *Weight: 51 kg*	150x100 cassa alta *tall crate* 150x100 cassa bassa *short crate* 150x100 pallet	40 18 8	40 18 8	60,00 27,00 12,00	912,00 432,00 168,84	- ordine minimo 2 scatole (= 2 lastre); - ordine tassativo multipli di 2 lastre / scatole; - una cassa alta / bassa o un pallet non possono contenere articoli (codici) differenti; **carico su camion:** - sovrapponibilità max. su camion n. 3 casse alte; - max. 30 casse alte su camion (15 spazi) compatibilmente con i limiti di peso totale; *- minimum order: 2 boxes (= 2 slabs);* *- each crate must always contain an even number of slabs/boxes;* *- a tall/short crate or pallet may not contain different items (codes);* ***loading on lorry:*** *- stack max. 3 tall crates on lorry;* *- max. 30 tall crates on lorry (15 spaces) within total weight limits;*
	CASSA ALTA: Ingombro: 172 x 89 x h.65 cm Peso: 57 kg CASSA BASSA: Ingombro: 172 x 89 x h.41 cm Peso: 41 kg TALL CRATE: *Size: 172 x 89 x 65(H) cm* *Weight: 57 kg* SHORT CRATE: *Size: 172 x 89 x 41(H) cm* *Weight: 41 kg*	150x75 cassa alta *tall crate* 150x75 cassa bassa *short crate* 150x75 pallet	52 24 12	26 12 6	58,50 27,00 13,50	876,00 419,00 209,00	- ordine minimo 1 scatola (= 2 lastre); - una cassa alta / bassa o un pallet non possono contenere articoli (codici) differenti; **carico su camion:** - sovrapponibilità max. su camion n. 3 casse alte; - max. 30 casse alte su camion (15 spazi) compatibilmente con i limiti di peso totale; *- minimum order: 1 box (= 2 slabs):* *- a tall/short crate or pallet may not contain different items (codes);* ***loading on lorry:*** *- stack max. 3 tall crates on lorry;* *- max. 30 tall crates on lorry (15 spaces) within total weight limits;*
	CASSA ALTA: Ingombro: 172 x 89 x h.65 cm Peso: 57 kg CASSA BASSA: Ingombro: 172 x 89 x h.41 cm Peso: 41 kg TALL CRATE: *Size: 172 x 89 x 65(H) cm* *Weight: 57 kg* SHORT CRATE: *Size: 172 x 89 x 41(H) cm* *Weight: 41 kg*	75x75 cassa alta *tall crate* 75x75 cassa bassa *short crate* 75x75 pallet	114 54 27	38 18 9	64,13 30,38 15,19	954,82 466,32 232,63	- ordine minimo 1 scatola (= 3 lastre); - una cassa alta / bassa o un pallet non possono contenere articoli (codici) differenti; **carico su camion:** - sovrapponibilità max. su camion n. 3 casse alte; - max. 30 casse alte su camion (15 spazi) compatibilmente con i limiti di peso totale; *- minimum order: 1 box (= 3 slabs):* *- a tall/short crate or pallet may not contain different items (codes);* ***loading on lorry:*** *- stack max. 3 tall crates on lorry;* *- max. 30 tall crates on lorry (15 spaces) within total weight limits;*
	CASSA ALTA: Ingombro: 172 x 89 x h.65 cm Peso: 57 kg CASSA BASSA: Ingombro: 172 x 89 x h.41 cm Peso: 41 kg *Tall crate:* *Size: 172 x 89 x 65(H) cm* *Weight: 57 kg* *Short crate:* *Size: 172 x 89 x 41(H) cm* *Weight: 41 kg*	75x37,5 cassa alta *tall crate* 75x37,5 cassa bassa *short crate* 75x37,5 pallet	264 120 60	44 20 10	74,25 33,75 16,88	1096,5 513,50 256,25	- ordine minimo 1 scatola (= 6 lastre); - una cassa alta / bassa o un pallet non possono contenere articoli (codici) differenti; **carico su camion:** - sovrapponibilità max. su camion n. 3 casse alte; - max. 30 casse alte su camion (15 spazi) compatibilmente con i limiti di peso totale; *- minimum order: 1 box (= 6 slabs):* *- a tall/short crate or pallet may not contain different items (codes);* ***loading on lorry:*** *- stack max. 3 tall crates on lorry;* *- max. 30 tall crates on lorry (15 spaces) within total weight limits;*
	CASSA ALTA: Ingombro: 121 x 112 x h.65 cm Peso: 55 kg CASSA BASSA: Ingombro: 121 x 112 x h.41 cm Peso: 46,5 kg *Tall crate:* *Size: 121 x 112 x 65(H) cm* *Weight: 55 kg* *Short crate:* *Size: 121 x 112 x 41(H) cm* *Weight: 46.5 kg*	100x100 cassa alta *tall crate* 100x100 cassa bassa *short crate* 100x100 pallet	52 24 12	26 12 6	52,00 24,00 12,00	783,50 382,50 188,00	- ordine minimo 1 scatola (= 2 lastre); - una cassa alta / bassa o un pallet non possono contenere articoli (codici) differenti; **carico su camion:** - sovrapponibilità max. su camion n. 3 casse alte; - max. 44 casse alte su camion (22 spazi) compatibilmente con i limiti di peso totale; *- minimum order: 1 box (= 2 slabs):* *- a tall/short crate or pallet may not contain different items (codes);* ***loading on lorry:*** *- stack max. 3 tall crates on lorry;* *- max. 44 tall crates on lorry (22 spaces) within total weight limits;*
	CASSA ALTA: Ingombro: 202 x 133 x h.45 cm Peso: 57 kg CASSA BASSA: Ingombro: 202 x 133 x h.33 cm Peso: 41 kg TALL CRATE: *Size: 202 x 133 x 45(H) cm* *Weight: 57 kg* SHORT CRATE: *Size: 202 x 133 x 44(H) cm* *Weight: 41 kg*	180x21,5 cassa alta *tall crate* 180x21,5 cassa bassa *short crate*	140 60	35 15	54,18 23,22	832,31 396,70	- ordine minimo 1 scatola (= 4 lastre); - una cassa alta / bassa o un pallet non possono contenere articoli (codici) differenti; **carico su camion:** - sovrapponibilità max. su camion n. 5 casse alte; - max. 25 casse alte su camion (5 spazi) compatibilmente con i limiti di peso totale; *- minimum order: 1 box (= 4 slabs):* *- a tall/short crate or pallet may not contain different items (codes);* ***loading on lorry:*** *- stack max. 5 tall crates on lorry;* *- max. 25 tall crates on lorry (5 spaces) within total weight limits;*

IMBALLO Cassa di legno ***PACKAGING*** *Crate in wood*		**FORMATO** lastre in mm ***FORMAT*** *slabs in mm*	**PEZZI** capienza max ***ITEMS*** *max capacity*	**SCATOLE** capienza max ***BOXES*** *max capacity*	**MQ** capienza max ***SQ.M.*** *max capacity*	**KG** capienza max ***KG*** *max capacity*	**NOTE** ***NOTES***
	CAVALLETTO DA 50 LASTRE: Ingombro: 310 x 74 x h.188 cm Peso: 215 kg *Rack for 50 slabs:* *Size: 310 x 74 x 188(H) cm* *Weight: 215 kg*	300x150 cavalletto 50 lastre *rack* *50 slabs* 300x100 cavalletto 50 lastre *rack* *50 slabs*	50 50	- -	225,00 150,00	3366,50 2316,50	- un cavalletto può contenere max. 5 articoli (codici) differenti; - il cavalletto deve essere riempito per la massima capacità indicata; - per ragioni di ottimizzazione spazi, in questo cavalletto possono essere inserite anche 48 lastre (al posto di nr. 2 cavalletti da 24 lastre) *- one rack may contain up 5 different items (codes);* *- the rack must be filled to the maximum capacity specified;* *- in order to optimise space, this rack may be filled with 48 slabs (instead of 2 racks with 24 slabs each)*
	CAVALLETTO DA 24 LASTRE: Ingombro: 319 x 71 x h.185 cm Peso: 148 kg *Rack for 24 slabs:* *Size: 319 x 71 x 185(H) cm* *Weight: 148 kg*	300x150 cavalletto 24 lastre *rack* *24 slabs* 300x100 cavalletto 24 lastre *rack* *24 slabs*	24 24	- -	108,00 72,00	1660,00 1106,00	- un cavalletto può contenere max. 5 articoli (codici) differenti; - il cavalletto deve essere riempito per la massima capacità indicata; *- one rack may contain up 5 different items (codes);* *- the rack must be filled to the maximum capacity specified;*
	CAVALLETTO DA 48 LASTRE: Ingombro: 160 x 71 x h.185 cm Peso: 85 kg *Rack for 48 slabs:* *Size: 160 x 71 x 185(H) cm* *Weight: 85 kg*	150x150 cavalletto 48 lastre *rack* *48 slabs*	48	-	108,00	1602,00	- un cavalletto può contenere max. 5 articoli (codici) differenti; - il cavalletto deve essere riempito per la massima capacità indicata; *- one rack may contain up 5 different items (codes);* *- the rack must be filled to the maximum capacity specified;*

/ Weights and packing

- nr. 18 casse 300x150;
- nr. 30 casse 300x100 + nr. 5 casse 150x150;
- nr. 30 casse 300x100 + nr. 6 casse alte 75x37,5\75x75\150x75;
- nr. 30 casse 300x100 + nr. 6 casse alte 100x100;
- nr. 30 casse 300x100 + nr.10 casse alte 150x100;
- nr. 35 casse 150x150 (compatibilmente con il peso);

*Per quanto riguarda i formati 100x100 o 75x37,5\75x75\150x75 il calcolo deve tenere conto del peso (non si occupa mai tutto lo spazio a disposizione poichè si eccederebbero i limiti di peso).

40 FOOT CONTAINER (11.90 x 2.33 x 2.35(H) m)*

- 18 crates 300x150;
- 30 crates 300x100 + 5 crates 150x150;
- 30 crates 300x100 + 6 tall crates 75x37.5\75x75\150x75;
- 30 crates 300x100 + 6 tall crates 100x100;
- 30 crates 300x100 + 10 tall crates 150x100;
- 35 tall crates 150x150 (within weight limits);

*concerning the 100x100 or 75x37.5\75x75\150x75 formats, calculation must take weight into account (the space is never completely filled as weight would be exceeded).

CONTAINER 20 PIEDI (5,90 x 2,32 x h. 2,35 m)

- nr. 6 casse 300x150;
- nr. 10 casse 300x100 + nr. 5 casse 150x150;
- nr. 10 casse 300x100 + nr. 10 casse alte150x100;
- nr. 10 casse 300x100 + nr. 6 casse alte 75x37,5\75x75\150x75;
- nr. 10 casse 300x100 + nr.12 casse alte100x100;
- nr. 15 casse 150x150 + nr. 3 casse alte 75x37,5\75x75\150x75;
- nr. 27 casse alte 100x100 (compatibilmente con il peso);
- nr. 18 casse alte 75x37,5\75x75\150x75;
- nr. 18 casse alte150x100.

20 FOOT CONTAINER (5.90 x 2.32 x 2.35(H) m)

- 6 crates 300x150;
- 10 crates 300x100 + 5 crates 150x150;
- 10 crates 300x100 + 10 tall crates 150x100;
- 10 crates 300x100 + 6 tall crates 75x37.5\75x75\150x75;
- 10 crates 300x100 + 12 tall crates 100x100;
- 15 crates 150x150 + 3 tall crates 75x37.5\75x75\150x75;
- 27 tall crates 100x100 (within weight limits);
- 18 tall crates 75x37.5\75x75\150x75;
- 18 tall crates 150x100.

NOTE
Per la **sovrapponibilità di casse alte e basse** della medesima dimensione occorre rispettare il limite di altezza massima della pila pari a 2,10 m, tenendo presente che il carrello elevatore per il carico dei container non può sollevarsi oltre 1,40 m all'interno del container stesso.

NOTE
*Concerning the **stackability of tall and short crates** of the same size, the maximum stack height of 2.10 m, should be respected, bearing in mind that the lift truck for loading the container cannot lift above 1.40 m inside the container itself.*

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IDONEITÀ ADESIVI PER LA POSA DI LASTRE MXF E HILITE A BASSO SPESSORE

					INTERNO - INDOORS									ESTERNO - OUTDOORS		
					PAVIMENTO - Floors					MURI - Walls				PAVIMENTO - Floors		MURI - Walls
PRODOTTO Product	LATTICE Latex	CLASSIFICAZIONE Classification			MASSETTO IN CEMENTO E IN CALCESTRUZO Cement and concrete screeds	MASSETTI IN ANIDRITE Anhydrite screeds	MASSETTI RISCALDANTI Heated screeds	VECCHIE CERAMICHE, MARMETTE O MATERIALE LAPIDEO Old ceramics, marble-chip floor tiles or stone material	PAVIMETI IN PVC, LINOLEUM O VINILICI PVC, Linoleum or vinyl flooring	INTONACO CEMENTIZIO, CALCESTRUZZO Cement plaster, concrete	INTONACO IN GESSO Gypsum plaster	CARTONGESSO PANNELLI IN FIBROCEMENTO Plasterboard Fiber cement panels	VECCHIE CERAMICHE Old ceramic	MASSETTO CEMENTIZIO CALCESTRUZZO Cement screed Concrete	VECCHIE CERAMICHE, MARMETTE O MATERIALE LAPIDEO Old ceramics, marble-chip floor tiles or stone material	INTONACO CEMENTIZIO, CALCESTRUZZO Cement plaster concrete
		EN 12004		EN 12002	CM^2					CM^2				CM^2		CM^2
TECHNOS +	TC - LAX	C2	-	S1	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*
TECHNOS +	TC LASTIC	C2	-	S2	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*
TECHNO - XL	TC - LAX	C2	TE	S1	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*
TECHNO - XL	TC LASTIC	C2	T	S2	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*
TECHNOLA	TC - LAX	C2	TE	S1	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*
TECHNOLA	TC LASTIC	C2	TE	S2	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*
TECHNODUE	-	C2	TE	S1	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*
TECHNORAP 2	-	C2	FT	S1	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*	-	IDONEO *Suitable*
ALL 9000	-	C2	T	-	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable**	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*	IDONEO *Suitable*
TECHNOSTAR/HD	-	C2	TE	S1	≤ 10000	≤ 10000*	≤ 5000	≤ 5000	-	≤ 10000	≤ 10000*	≤ 5000	-	≤ 5000	-	-
AIR-ONE	-	C2	TE	S1	≤ 10000	≤ 10000*	≤ 5000	≤ 5000	-	≤ 10000	≤ 10000*	≤ 5000	-	≤ 5000	-	-
AIRES	-	C2	TE	S2	≤ 10000	≤ 10000*	≤ 5000	≤ 5000	-	≤ 10000	≤ 10000*	≤ 5000	-	≤ 5000	-	-
TECHNOMAX S1	-	C2	E (G)	S1	≤ 10000	≤ 10000*	≤ 5000	≤ 5000	-	-	-	-	-	≤ 5000	-	-

*DOPO UTILIZZO DI "PRIMER T"

LASTRE IN CERAMICA TECNICA CON LE CARATTERISTICHE DEL PORCELLANATO FULL-TECHNICAL CERAMIC SLABS WITH THE CHARACTERISTICS OF PORCELAIN

Classificazione secondo le norme UNI EN 14411 gruppo Bla o ISO 13006 Allegato G gruppo BI a UGL
Classification in accordance with UNI EN 14411 standards Bla group or ISO 13006 Annex G standards BI a UGL group

* **I prodotti con assorbimento < 0,5 sono classificati secondo le norme UNI CEN "Fully vitrified tiles" e secondo le norme ASTM "Imprevious tiles"**
The products having an absorption < 0,5 are classified according to the UNI CEN standards "Fully vitrified tiles" and according to the ASTM standards "Imprevious tiles"

** **Varia secondo la finitura di superficie**
It can vary according to the surface finish

	PROPRIETÀ FISICO-CHIMICHE PHYSICAL-CHEMICAL PROPERTIES	**TIPO DI PROVA** STANDARD OF TEST	**VALORE PRESCRITTO** REQUIRED VALUE		**VALORE LASTRE IN CERAMICA TECNICA** FULL-TECHNICAL CERAMIC SLABS VALUE	**ASTM** STANDARD OF TEST	**ASTM** INDUSTRY STANDARDS	**ASTM** FMG RESULTS (as tested by Smith Emery laboratory)
	Dimensioni Sizes	ISO 10545.2	**Lunghezza e larghezza** Length and width **Spessore** Thickness **Rettilineità spigoli** Linearity **Ortogonalità** Wedging **Planarità** Warpage	± 0,6% max ± 5% max ± 0,5% max ± 0,6% max ± 0,5% max	± 0,5 mm ± 3% ± 0,5 mm ± 1 mm ± 0,2%	ASTM C-499	Average facial dimension < 1,5% Wedging ±1% - Warpage ±1% of any edge Range of thickness (inch.) < 0,04%	0,15% 0,014% - 0,33% 0,17%
	Assorbimento d'acqua Water absorbition	ISO 10545.3	≤ 0,5%		≥ 0,06% *	ASTM C-373	Tile shall be impervious	< 0,05%
	Resistenza alla flessione Flexion resistance	ISO 10545.4	**Modulo di rottura** Breaking Modulus	≥ 35 N/mm^2	53 N/mm^2			
	Resistenza all'abrasione profonda Deep abrasion resistance	ISO 10545.6	Volume ≤ 175 mm^3		≤ 142 mm^3	ASTM C-501	≥ 100	217
	Coefficiente di dilatazione termica lineare Coefficient of linear thermal-expansion	ISO 10545.8	≤ 9x10^{-6} °C^{-1}		6 MK^{-1}	ASTM C-1028		Meets or exceeds requirements (Please ask for individual test reports)
	Resistenza al gelo Frost resistance	ISO 10545.12	**Non devono presentare rotture o alterazioni aprrezzabili della superficie** Must not produce noticeable alteration to surface		**Non gelive** Frost-proof	ASTM C-1026	No sample must show alterations to surface	Resistant
	Resistenza ai prodotti chimici Chimical resistance	ISO 10545.13	**Non devono presentare apprezzabili segni d'attacco Chimico** Must not produce noticeable signs of chemical attack		**Non attaccate** Not attacked	ASTM C-650 ASTM C-648	To 10% HCL Acid - No sample must show visible signs of chemical attack to 10% KOH Alkali 250 PSI or greater	Unaffected
	Resistenza alle macchie Stain resistance	ISO 10545.14	1 < X < 5		**CLASSE 5 - CLASS 5 **** **Macchie rimosse con acqua corrente calda (senza detergente)** Stains removed by hot running water (without detergent)			
	Resistenza dei colori alla luce Color resistance to light	DIN 51094	**Non devono presentare apprezzabili variazioni di colore** Must not produce noticeable colour variation		**Campioni inalterati in brillantezza e colore** No change in brightness or colour of samples			
	Coefficiente di attrito (scivolosità) Friction coefficient (slipperiness)	DIN 51130	**Metodo disponibile** Test method available		**R9** **Superficie prelevigata** Pre-polished surface			
	Coefficiente di attrito (scivolosità) Friction coefficient (slipperiness)	BCRA REP CEC 6/81	**Attrito soddisfacente** Satisfactory friction 0,40 ≤ μ ≤ 0,74		>0,40 **Superficie prelevigata** Pre-polished surface			
	Resistenza al fuoco Fire resistance		96/603/CE		A1			

FMG FABBRICA MARMI E GRANITI®
Certificazioni Certifications

EN 14411

UNI EN ISO 9001
UNI EN ISO 14001
Sistemi di Gestione Qualità Ambiente certificati

conforme à **HQE®**

Decori

PROPRIETÀ FISICO-CHIMICHE PHYSICAL-CHEMICAL PROPERTIES	TIPO DI PROVA STANDARD OF TEST	VALORE PRESCRITTO REQUIRED VALUE		
Dimensioni Sizes	ISO 10545.2	**Lunghezza e larghezza** Length and width **Spessore** Thickness **Rettilineità spigoli** Linearity **Ortogonalità** Wedging **Planarità** Warpage	± 0,6% max ± 5% max ± 0,5% max ± 0,6% max ± 0,5% max	± 0,5 mm ± 3% ± 0,5 mm ± 1 mm ± 0,2%
Assorbimento d'acqua Water absorbition	ISO 10545.3	≤ 0,5%		≥ 0,06% *
Resistenza alla flessione Flexion resistance	ISO 10545.4	**Modulo di rottura** Breaking modulus	≥ 35 N/mm²	RF 60x60 = 50 N/m² F 60x60 = 1400 N/m² RF 120x60 = 48 N/m² F 120x60 = 1200 N/m²
Resistenza all'abrasione della superficie Resistance to superficial abrasion	ISO 10545.7	**Come indicato** As indicated		PEI Classe 2 PEI Class 2 **NB: Se ne consiglia l'uso a rivestimento interno** Note well: we recommend the use for internal covering
Resistenza all'abrasione profonda Deep abrasion resistance	ISO 10545.6	Volume ≤ 175 mm³		155 mm³
Coefficiente di dilatazione termica lineare Coefficient of linear thermal-expansion	ISO 10545.8	**Metodo disponibile** Test method available		6 MK⁻¹
Resistenza ai prodotti chimici Chimical resistance	ISO 10545.13	**Non devono presentare apprezzabili segni d'attacco Chimico** Must not produce noticeable signs of chemical attack		**Non attaccate** Not attacked
Resistenza alle macchie Stain resistance	ISO 10545.14	1 < X < 5		**CLASSE 5 - CLASS 5** ** **Macchie rimosse con acqua corrente calda (senza detergente)** Stains removed by hot running water (without detergent)
Coefficiente di attrito (scivolosità) Friction coefficient (slipperiness)	BCRA REP CEC 6/81	**Piastrelle non smaltate: Metodo di prova disponibile** Unglazed tiles: Testing method available		

CARATTERISTICHE TECNICHE ARREDAMENTO-FURNITURE TECHNICAL FEATURES

CARATTERISTICA TECNICA TECHNICAL FEATURE	NORMA O METODO DI MISURA STANDARD OR MEASUREMENT METHOD	VALORE PRESCRITTO DALLE NORME VALUE LAID DOWN BY STANDARDS	VALORE LASTRE IN CERAMICA TECNICA FULL-TECHNICAL CERAMIC SLABS VALUE
Resistenza superfici al calore umido Surface resistance to wet heat	UNI EN 12721:2013	**5 – Nessun cambiamento** 5 – No change	**5 – Nessun cambiamento riscontrato** 5 – No change found
Resistenza superfici al calore secco Surface resistance to dry heat	UNI EN 12722:2013	**5 – Nessun cambiamento** 5 – No change	**5 – Nessun cambiamento riscontrato** 5 – No change found
Resistenza superfici ai liquidi freddi Surface resistance to cold liquids	UNI EN 12720:2013	**5 – Nessun cambiamento** 5 – No change	**5 – Nessun cambiamento riscontrato** 5 – No change found
Determinazione della tendenza delle superfici a ritenere lo sporco Determination of the tendency of the surface to retain dirt	UNI 9300:1988 + A276:1989	**5 – Nessun cambiamento** 5 – No change	**5 – Nessun cambiamento visibile** 5 – No visible change
Resistenza delle superfici agli sbalzi di temperatura Surface resistance to thermal shock	UNI 9429:1989	**5 – Nessun difetto dopo 15 CICLI** Length and width	**5 – Nessun difetto** 5 – No defect
Determinazione della migrazione globale Determination of overall migration	DM 21/03/1973	**Conforme al DM 21/03/1973** Must not produce noticeable alteration to surface	**Conforme** Compliant
Resistenza delle superfici ai prodotti di pulizia Surface resistance to cleaning products	PROC. INT. 006/2014	**Nessun cambiamento** Must not produce noticeable signs of chemical attack	**Nessun cambiamento riscontrato** No change found

Not just for surfaces

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