

City Plaster

Overview





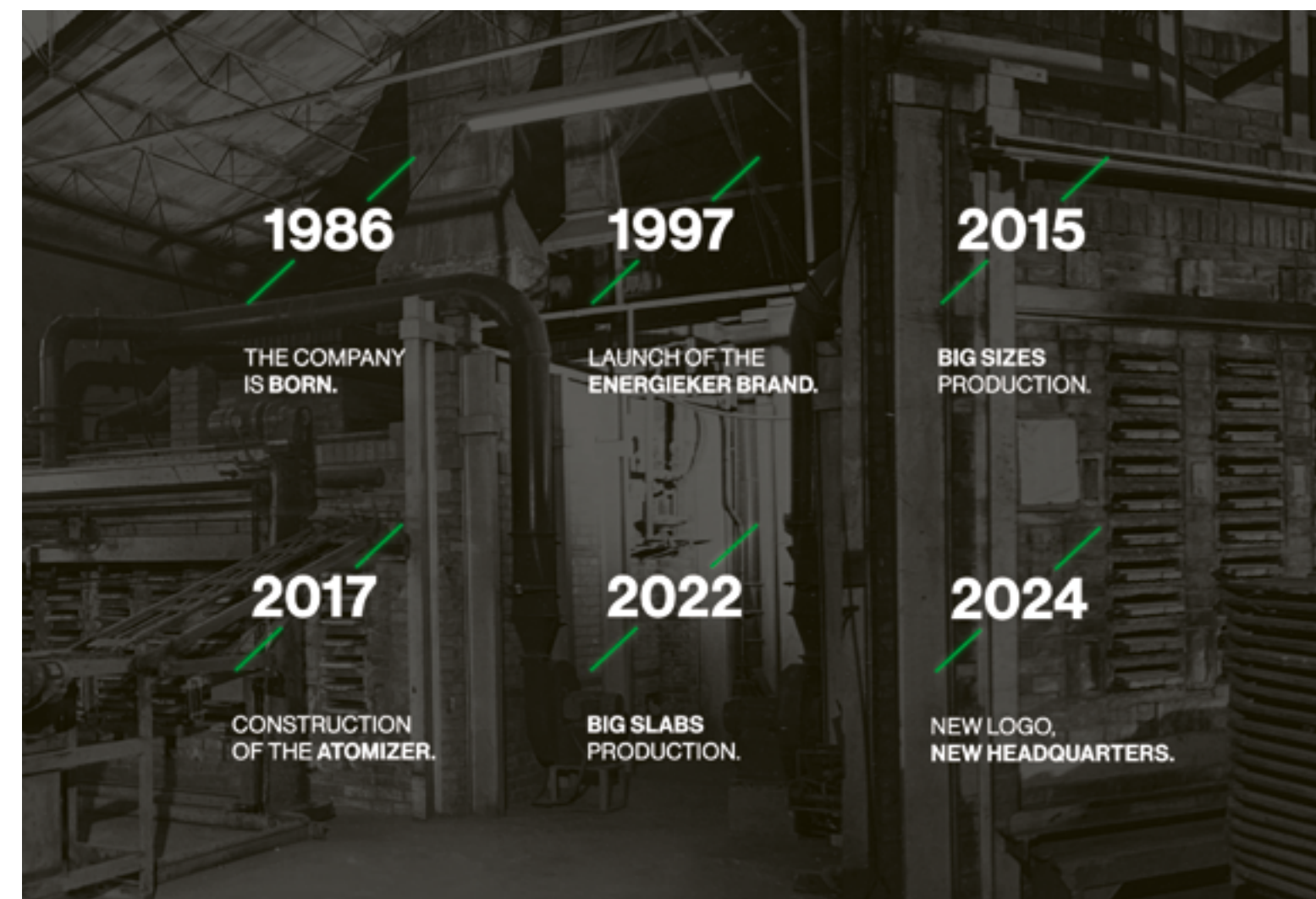
Confidence in the future

Fiducia nel futuro.



Italian ceramic excellence

Eccellenza ceramica italiana.



Energieker: an international protagonist of Made in Italy in the ceramic sector

Energieker: protagonista internazionale del Made in Italy ceramico

Energieker represents the synthesis of a long ceramic history. The brand was established in 1997, revitalizing an industrial reality that had been active since 1986. Over time, it has solidified its position in the high-end market, becoming an international protagonist of Made in Italy ceramics.

Today, we channel the same passion as always into pursuing excellence in surfaces, efficient industrial processes, and effective technical solutions, looking toward the future with optimism and confidence.

Energieker è la sintesi di una lunga storia ceramica. Il marchio è nato nel 1997 dal rilancio di una realtà industriale attiva dal 1986. Nel corso del tempo si è consolidato nella fascia alta del mercato, fino a diventare un protagonista internazionale del Made in Italy ceramico. Oggi mettiamo la stessa passione di sempre nella ricerca di superfici di eccellenza, processi industriali efficienti, soluzioni tecniche efficaci, per guardare al domani con ottimismo e fiducia.





New ceramic solutions, product quality, international vision, and reliability in relationships with partners.

Nuove soluzioni ceramiche, qualità del prodotto, visione internazionale e affidabilità nelle relazioni con i partner.

The values that drive our actions have been the pillars of our company's DNA since its founding: innovation in processes, commitment to environmental sustainability, pursuit of new ceramic solutions, product quality, reliability in partner relationships, and an international vision.

In recent years, a significant investment plan has equipped our facilities with a production line for large porcelain stoneware slabs. Today, our plants are a hub of the best ceramic technology, offering production efficiency and managerial effectiveness, with optimized consumption and reduced emissions.

I valori che guidano la nostra azione costituiscono i pilastri del DNA aziendale sin dalla fondazione: innovazione dei processi, impegno per la sostenibilità ambientale, ricerca di nuove soluzioni ceramiche, qualità del prodotto, affidabilità nelle relazioni con i partner, visione internazionale.

Negli ultimi anni, un ingente piano di investimenti ha completato i nostri impianti con una linea per la produzione di grandi lastre in gres porcellanato. Oggi i nostri stabilimenti sono un concentrato della migliore tecnologia ceramica in termini di efficienza produttiva ed efficacia gestionale, con ottimizzazione dei consumi e delle emissioni.

Numbers matter

Numeri che contano.

- ▶ SINCE **1986**
- ▶ TURNOVER* **110 mln €**
- ▶ EMPLOYEES AND COLLABORATORS **+330**
- ▶ WORLDWIDE PRESENCE **+100 countries**
- ▶ HEADQUARTERS AREA **2,500 sqm**
- ▶ TOTAL PRODUCTION AREA **263,000 sqm**
- ▶ ANNUAL PRODUCTION* **+12 mln sqm**
- ▶ PRODUCTS RANGE **+80 | +3,000**
Collections | Product items in catalog

* Year 2023

A complete system of porcelain surfaces

Un sistema completo di superfici in gres porcellanato.

EK COLLECTIONS

Floor and wall design
Design per pareti e pavimenti

EKXTREME

Large format thinking
Pensare in grande formato

TOP SOLUTION

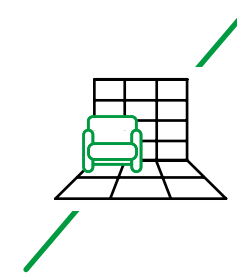
Quality furniture and accessories
Arredi e accessori di qualità

TH2.OUTDOOR SOLUTION

Outdoor design
Design per esterni

Versatile solutions for every application

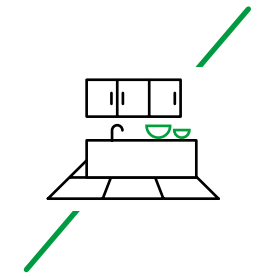
Soluzioni versatili per ogni applicazione.



Interior walls and floors
Pareti e pavimenti interni



Outdoors and pools
Esterni e piscine



Countertops and furniture
Banconi e arredi



Sinks
Lavabi



Exterior facades
Facciate esterne



For us, sustainability is a crucial concept: over 5 MWh of self-produced energy, 100% recycling of water and production waste, international certifications, workplace safety, employee well-being, and a dedicated logistics hub. This translates into a sustainable regional presence and a virtuous circle between the company, designers, clients, and end-users.

Per noi la sostenibilità è un concetto concreto: oltre 5 MWh di energia autoprodotta, riciclo del 100% dell'acqua e degli scarti di lavorazione, certificazioni internazionali, sicurezza sul luogo di lavoro, attenzione al benessere dei dipendenti, polo logistico. Tutto questo si traduce in una presenza sostenibile sul territorio e in un circolo virtuoso tra azienda, progettisti, clienti e utilizzatori finali.



A tangible commitment to sustainability

A virtuous circle between the company, designers, and end-users
Un circolo virtuoso tra azienda, progettisti, clienti e utilizzatori finali



放射性水平 = A 类
Certificazione CCC
CCC Certification
Certification CCC
CCC Zertifizierung



Declare.



City Plaster

Strong background



WALL Graffiti Multicolor 120x280 . 48"x110"
FLOOR Grey 120x120 . 48"x48"



White

Graffiti White

Grey

Graffiti Grey

Beige

Graffiti Beige

Multicolor

Graffiti Multicolor

City Plaster

R10
 Rectified
 Rettificato
 Rectifié
 Rektifiziert

V4

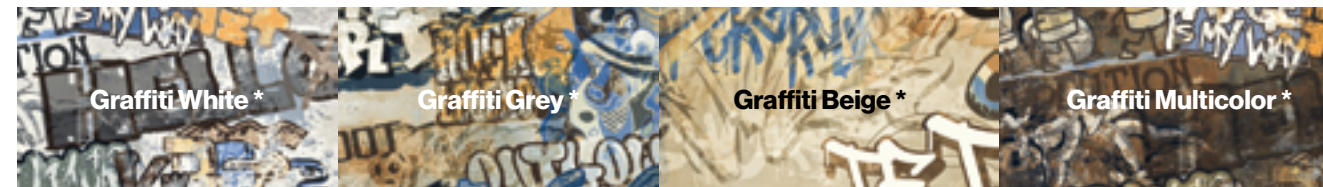
High gloss LCP
 Lappato campo pieno
 Semi-poli brillant
 Hochglanz Lappato

Porcelain stoneware coloured in body
 Gres porcellanato colorato in massa
 Grès cérame coloré dans la masse
 Eingefärbtes Feinsteinzeug



| Size Formato | Finishes Finiture | Price code sqm Codice prezzo m ² | | | | |
|-----------------|--|--|-------------|---|---|---|
| | EKTREME 120x280 48"x110" ± 6 mm | Rectified Rettificato | 159 | • | • | • |
| | High Gloss LCP Lappato campo pieno | 166 | • | • | • | |
| | 120x120 48"x48" ± 9 mm | Rectified Rettificato | 153 | • | • | • |
| | 60x120 24"x48" ± 9 mm | Rectified Rettificato | 144 | • | • | • |
| | 60x60 24"x24" ± 9 mm | High Gloss LCP Lappato campo pieno | 153 | • | • | • |
| | Rectified Rettificato | 139 | • | • | • | |
| | 30x60 12"x24" ± 9 mm | Rectified Rettificato | 137 | • | • | • |
| | BATTISCOPA 6,5x120 2 7/16"x48" | Rectified Rettificato | 120* | • | • | • |
| | High Gloss LCP Lappato campo pieno | 127* | • | • | • | |
| | BATTISCOPA 7,5x60 3"x24" | Rectified Rettificato | 106* | • | • | • |

* Price code / pc. Codice prezzo / pz.

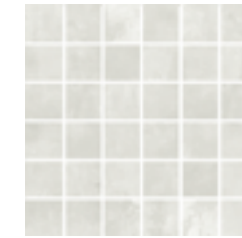


| Size Formato | Finishes Finiture | Price code sqm Codice prezzo m ² | | | | |
|-----------------|--|--|------------|---|---|---|
| | EKTREME 120x280 48"x110" ± 6 mm | Rectified Rettificato | 164 | • | • | • |
| | 60x120 24"x48" ± 9 mm | Rectified Rettificato | 160 | • | • | • |

* 120x280: 6 soggetti disponibili. 6 subjects available.
 60x120: 36 soggetti disponibili. 36 subjects available.

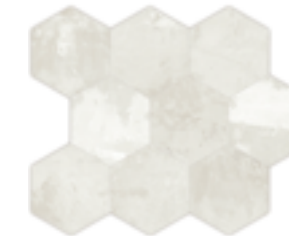
Mosaics.

Mosaici. Mosaiques. Mosaik.



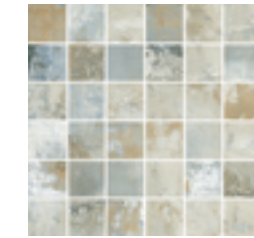
White
MOSAICO 36PZ
30x30 12"x12"
NAT

Price code / pc
Codice prezzo / pz
110



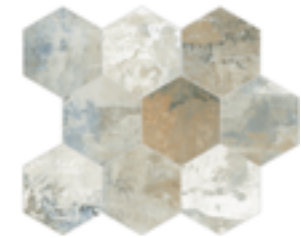
White
MOSAICO ESAGONI
26x30 10"x12"
NAT

Price code / pc
Codice prezzo / pz
122



Grey
MOSAICO 36PZ
30x30 12"x12"
NAT

Price code / pc
Codice prezzo / pz
110



Grey
MOSAICO ESAGONI
26x30 10"x12"
NAT

Price code / pc
Codice prezzo / pz
122



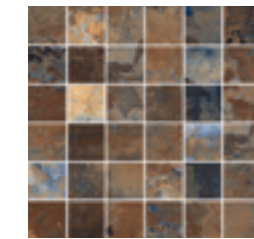
Beige
MOSAICO 36PZ
30x30 12"x12"
NAT

Price code / pc
Codice prezzo / pz
110



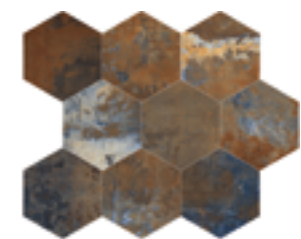
Beige
MOSAICO ESAGONI
26x30 10"x12"
NAT

Price code / pc
Codice prezzo / pz
122



Multicolor
MOSAICO 36PZ
30x30 12"x12"
NAT

Price code / pc
Codice prezzo / pz
110




Multicolor
MOSAICO ESAGONI
26x30 10"x12"
NAT

Price code / pc
Codice prezzo / pz
122



City Plaster


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V4
 High gloss LCP
 Lappato campo pieno
 Semi-poli brillant
 Hochglanz Lappato

Porcelain stoneware coloured in body
 Gres porcellanato colorato in massa
 Grès cérame coloré dans la masse
 Eingefärbtes Feinsteinzeug

Pattern variation.
 Sviluppo grafico. Développement graphique par format. Farbverlauf.

White



60x60 24"x24"

Grey



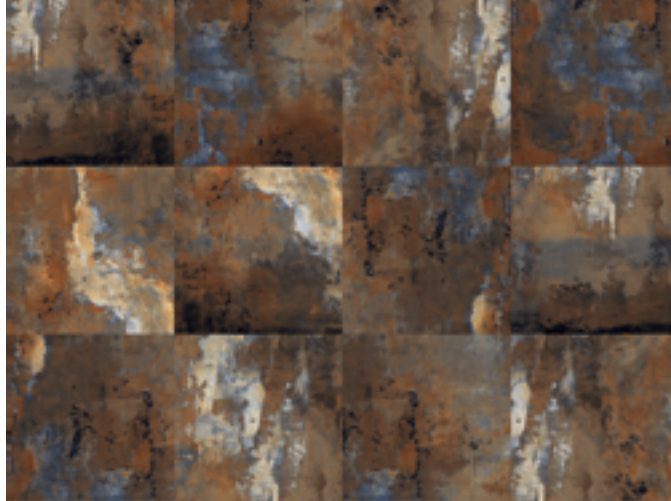
60x60 24"x24"

Beige



60x60 24"x24"

Multicolor



60x60 24"x24"



WALL **Beige** 120x280 . 48"x110"
 FLOOR **Beige** 120x120 . 48"x48"

City Plaster

R10
 Rectified
 Rettificato
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 Rektifiziert

V4

High gloss LCP
 Lappato campo pieno
 Semi-poli brillant
 Hochglanz Lappato

Porcelain stoneware coloured in body
 Gres porcellanato colorato in massa
 Grès cérame coloré dans la masse
 Eingefärbtes Feinsteinzeug

Graffiti developments.

Graffit sviluppi. Développements du Graffiti. Entwicklungen der Graffiti.



120x280 48"x110"

6

Themes sorted by colour
 Soggetti per colore
 Sujets par couleur
 Themen nach farbe

Available in all colours
 Disponibile in tutti i colori
 Disponible dans toutes les couleurs
 Erhältlich in allen Farben



Graffiti White



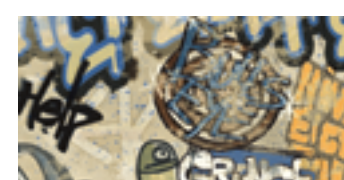
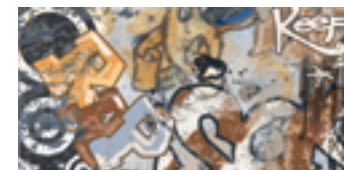
Graffiti Grey



Graffiti Beige



Graffiti Multicolor



60x120 24"x48"

36

Themes sorted by colour
 Soggetti per colore
 Sujets par couleur
 Themen nach farbe

Available in all colours
 Disponibile in tutti i colori
 Disponible dans toutes les couleurs
 Erhältlich in allen Farben



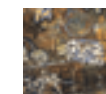
Graffiti White



Graffiti Grey



Graffiti Beige



Graffiti Multicolor



WALL Graffiti Grey 120x280, 48"x110" | Grey 120x280, 48"x110"
 FLOOR Grey 120x120, 48"x48"













Technical specifications of porcelain

Conforming to european standards en 14411 appendice g gruppo Bla con e ≤ 0,5 %

Caratteristiche tecniche Gres porcellanato - conformi a norme europee en 14411 appendice G gruppo Bla con e ≤ 0,5 %

Caracteristiques techniques du grès cérame - conformes aux normes européennes EN 14411 appendice G groupe Bla con e ≤ 0,5 %

Technische eigenschaften für feinsteinzeug - gemäß den europäischen normen EN 14411 appendice G gruppo Bla con e ≤ 0,5 %

| PHYSICAL PROPERTIES CARATTERISTICA TECNICA CARACTERISTIQUE TECHNIQUE TECHNISCHE DATEN | TESTING METHOD METODO DI PROVA NORME D'ESSAIS PRÜFVERFAHREN | REFERENCE STANDARD RIFERIMENTO NORMA REFERENCE NORME STANDARDWERT | 7cm ≤ N < 15 cm (mm) | | | N ≥ 15 cm | | PRODUCT VALUES VALORE PRODOTTO VALEUR PRODUIT PRODUKT WERTE | | |
|--|--|---|----------------------|------|------|---|------------------------------|--|--|--|
|  Sizes Dimensioni Dimensions Abmessungen | EN ISO 10545-2 | | ±0.9 | ±0.6 | ±2.0 | Natural not rectified | Rectified and high gloss LCP | | | |
| | | | | | | | | | | Length and width / Lunghezza e larghezza Longuer et largeur / Länge und Breite |
| | | | | | | | | | | Thickness / Spessore / Epaisseur / Stärke |
| | | | | | | | | | | Linearity / Rettineità spigoli Rectitude des arêtes / Kantengeradheit |
| | | | | | | | | | | Wedging / Ortogonalità / Orthogonalité / Rechtwinkligkeit |
| | | | | | | | | | | Warpage / Planarità / Planéité / Ebenfächigkeit |
| Appearance: percentage of acceptable tiles, per lot Aspetto: percentuale di piastrelle accettabili nel lotto Aspect: pourcentage de carreaux acceptables sur la fourmlure totale Oberflächenbeschaffenheit: Prozentsatz der Fliesen, die den geforderten Eigenschaften entsprechen | 95 % min. | 95 % min. | - | | | | | | | |
|  Water absorption % Assorbimento d'acqua % Absorption d'eau % Wasseraufnahme % | EN ISO 10545-3 | E ≤ 0,5% (individual value Max. 0,6%) | | | | Conforming Conforme Conforme Erfüllt | | | | |
|  Conforming Conforme Conforme Erfüllt | EN ISO 10545-4 | medium value ≥ 35 N/mm² (individual value Min. 32 N/mm2) | | | | Conforming Conforme Conforme Erfüllt | | | | |
|  Breakage resistance Sforzo di rottura Resistance a la rupture Bruchlast | | sp. ≤ 7,5 mm: min 700 N sp. ≥ 7,5 mm: min 1300 N | | | | Conforming Conforme Conforme Erfüllt | | | | |
|  Scratch resistance Resistenza all'abrasione profonda Résistance à l'abrasion Bestimmung des Widerstandes gegen tiefen Verschleiß | EN ISO 10545-6 | 175 mm3 max. | | | | Average / Medio Moyenne / Mittelwert < 175 mm3 | | | | |
|  Abrasion resistance Resistenza all'abrasione Résistance à l'abrasion Widerstand gegen Verschleiss | EN ISO 10545-7 | Required Richiesta Requise Gefordert | | | | II - V | | | | |
|  Thermal expansion coefficient Coefficiente di dilatazione termica lineare Coefficient de dilatation thermique linéaire Wärmeausdehnung | EN ISO 10545-8 | Declared value Valore dichiarato Valeur declare Angegabener Wert | | | | 6,5x10 ⁻⁶ °C | | | | |
|  Thermal shock resistance Resistenza agli sbalzi termici Résistance aux écarts de température Temperaturwechselfähigkeit | EN ISO 10545-9 | Pass according to iso 10545-1 Test superato in accordo con iso 10545-1 Pv en accord avec norme en 10545-1 Test ueberstanden nach ISO 10545-1 | | | | Resistant Resistente Résistants Widerstandsfähig | | | | |
|  Frost resistance Resistenza al gelo Résistance au gel Frostbeständigkeit | EN ISO 10545-12 | Pass according to iso 10545-1 Test superato in accordo con iso 10545-1 Pv en accord avec norme en 10545-1 Test ueberstanden nach ISO 10545-1 | | | | Resistant Resistente Résistants Widerstandsfähig | | | | |
|  Resistance to low concentrations of acids and alkali Resistenza a basse concentrazioni di acidi e alcali Résistance à des basses concentrations d'acides et bases Beständigkeit gegen schwach konzentrierte säuren und laugen | EN ISO 10545-13 | Declared value Valore dichiarato Valeur déclaré Angegabener Wert | | | | See single tile picture Vedi il minimale Voir sous du carreau photo Siehe einzelnen Abbildungen | | | | |
| | | Declared value Valore dichiarato Valeur déclaré Angegabener Wert | | | | See single tile picture Vedi il minimale Voir sous du carreau photo Siehe einzelnen Abbildungen | | | | |
| | | B min. | | | | See single tile picture Vedi il minimale Voir sous du carreau photo Siehe einzelnen Abbildungen | | | | |
|  Color resistance to light Resistenza dei colori alla luce Résistance des couleurs à la lumière Lichtbeständigkeit | DIN 51094 | No noticeable color change Non devono presentare apprezzabili variazioni di colore Ne doivent pas présenter de variations importantes des couleurs Die Muster dürfen keine sichtbaren Farbveränderungen aufweisen | | | | No alteration after testing Materiale inalterato dopo il test Aucune altération relevee Keine Veränderung nach dem Test | | | | |
|  Friction coefficient (slipperiness) Coefficiente di attrito (Scivolosità) Coefficient de friction (Glissement) Reibungskoeffizient (Schlupfrigkeit) | EN 16165 | | | | | See single tile picture / Vedi il minimale Voir sous du carreau photo / Siehe einzelnen | | | | |
| | DIN 51097 | | | | | See single tile picture / Vedi il minimale Voir sous du carreau photo / Siehe einzelnen | | | | |
| | B.C.R.A D.M.236/89 | | | | | Available test / Test disponibile Essai disponible / Pruefzeugnis verfuegbar | | | | |
| | ASTM C1028-2007 | | | | | Available test / Test disponibile Essai disponible / Pruefzeugnis verfuegbar | | | | |
| | ANSI A 137.1-2012 | | | | | See single tile picture / Vedi il minimale Voir sous du carreau photo / Siehe einzelnen | | | | |
| | | | | | | Available test / Test disponibile Essai disponible / Pruefzeugnis verfuegbar | | | | |

It's advisable to refer Technical Division for all necessary guidelines to a correct use. Si raccomanda di consultare Technical Division per le indicazioni necessarie al corretto utilizzo. Merci de consulter notre Technical Division pour les indications a un usage correct. Zur korrekten anwendung wird empfohlen unsere Technical Division zu kontaktieren.

Technical details available on: www.energieker.it Schede tecniche consultabili sul sito: www.energieker.it
Technisches Datenblatt auf der Website: www.energieker.it Fiches techniques à consulter sur le syte: www.energieker.it

Weights and measures table

Pesi e misure. Tableau poids et mesures. Gewichts- und Maßtabelle.

| Size Formato Format Format | Thickness Spessore Épaisseur Stärke | Pcs/Box Pz/Scatola Stk/Karton Pieces/Boîte | Sqm/Box Mq/Scatola Qm/Karton M²/Boîte | Kg/Box Kg/Scatola Kg/Karton Kg/Boîte | Box/Pallet Scatola/Pallet Karton/Palette Boîte/Palette | Sqm/Pallet Mq/Pallet Qm/Palette M²/Palette | Kg/Pallet Kg/Pallet Kg/Palette Kg/Palette | |
|-------------------------------------|--|---|--|---|---|---|--|--------|
| 9,9x30,2 | RETT | 9 | 26 | 0,78 | 14,50 | 60 | 46,80 | 873 |
| 9,5x57 | RETT CHEVRON | 9 | 14 | 0,76 | 13,93 | 48 | 36,48 | 688,64 |
| 15x30 | CAMPIGIANE / ANTICHI AMORI | 9,2 | 28 | 1,26 | 25,00 | 60 | 75,60 | 1.520 |
| 15x30 | | 8,2 | 32 | 1,44 | 25,00 | 60 | 86,40 | 1.400 |
| 20x20 | | 7,2 | 38 | 1,52 | 24,33 | 60 | 91,20 | 1.480 |
| 20x40 | | 8,2 | 20 | 1,60 | 28 | 48 | 76,80 | 1.360 |
| 20x120 | RETT * | 9 | 5 | 1,20 | 22,70 | 48 | 57,60 | 1.100 |
| 20x120 | RETT * | 6 | 7 | 1,68 | 24,19 | 48 | 80,64 | 1181 |
| 30x30 | CAMPIGIANE / ANTICHI AMORI | 9,2 | 14 | 1,26 | 25,33 | 60 | 75,60 | 1.540 |
| 30x120 | RETT * | 9 | 4 | 1,44 | 28,60 | 39 | 56,16 | 1130 |
| 30x120 | RETT * | 6 | 6 | 2,16 | 31,10 | 36 | 84,24 | 1.232 |
| 30x60 | RETT | 9 | 7 | 1,26 | 24,38 | 40 | 50,40 | 960 |
| 30x60 | LCP / RST | 9 | 7 | 1,26 | 24,38 | 40 | 50,40 | 1.050 |
| 30,8x61,5 | | 9 | 7 | 1,32 | 24,88 | 40 | 52,80 | 920 |
| 60x60 | RETT / RST / LCP | 9 | 4 | 1,44 | 28,57 | 30 | 43,20 | 812 |
| 60x120 | RETT / RST / LCP * | 9 | 2 | 1,44 | 28,57 | 35 | 50,40 | 1.020 |
| 60x120 | RETT * | 6 | 3 | 2,16 | 31,10 | 35 | 75,6 | 1108 |
| 80x80 | RETT/LCP | 9 | 2 | 1,28 | 25,58 | 45 | 57,60 | 1171 |
| 20x20 | BICOTTURA | 6,5 | 40 | 1,60 | 16,56 | 72 | 115,20 | 1.212 |
| 20x50 | BICOTTURA | 8 | 14 | 1,40 | 19,45 | 60 | 84 | 1187 |
| 20x50 | DECORO BICOTTURA | 8 | 14 | 1,40 | 18,83 | 60 | 84 | 1150 |

| Size Formato Format Format | Thickness Spessore Épaisseur Stärke | Packaging Tipologia imballaggio Typologie de l'emballage Verpackungsarten | Packaging size Ingombro Dimension Format | Pcs/Box Pz/Scatola Stk/Karton Pieces/Boîte | Sqm/Box Mq/Scatola Qm/Karton M²/Boîte | Kg/Box Kg/Scatola Kg/Karton Kg/Boîte | Box/Pallet Scatola/Pallet Karton/Palette Boîte/Palette | Sqm/Pallet Mq/Pallet Qm/Palette M²/Palette | Kg/Pallet Kg/Pallet Kg/Palette Kg/Palette | |
|-------------------------------------|--|--|---|---|--|---|---|---|--|------|
| 120x120 | RETT | 9 | Pallet with sides | 143,2x124x56,1 | 2 | 2,88 | 61,36 | 18 | 51,84 | 1020 |
| 120x120 | LCP/RST ** | 9 | Pallet with sides | 143,2x124x56,1 | 2 | 2,88 | 61,36 | 18 | 51,84 | 1056 |
| 20x160 | RETT ** | 9 | Pallet with sides | 168x97x57 | 4 | 1,28 | 25,57 | 36 | 46,08 | 970 |
| 30x160 | RETT ** | 9 | Pallet with sides | 168x97x57 | 3 | 1,44 | 28,77 | 30 | 43,20 | 913 |
| 30x160 | RETT ** | 6 | Pallet with sides | 168x97x57 | 5 | 2,40 | 34,56 | 30 | 72 | 1066 |
| 80x160 | RETT/LCP ** | 9 | Pallet with sides | 168x97x57 | 2 | 2,56 | 51,15 | 18 | 46,08 | 970 |

EKXTREME - TOP SOLUTION

| Size Formato Format Format | Thickness Spessore Épaisseur Stärke | Packaging Tipologia imballaggio Typologie de l'emballage Verpackungsarten | Packaging size Ingombro Dimension Format | Sqm/Pcs Mq/Pz Qm/Stk M²/Pieces | Kg/Pcs Kg/Pz Kg/Stk Kg/Pieces | Pcs/Pal Stk/Pal Pieces/Pal | Sqm/Crate - A frame Mq/Cassa - Cavalletto Qm/Caisse - Chevalet M²/Kiste - Ständer | Kg/Crate - A frame Kg/Cassa - Cavalletto Kg/Caisse - Chevalet Kg/Kiste - Ständer | |
|-------------------------------------|--|--|---|---|--|----------------------------------|--|---|-------|
| 120x280 | RETT/LCP *** | 6 | Crate | 291x140x34 | 3,36 | 48,38 | 20 | 67,20 | 1054 |
| | RETT/LCP *** | 6 | A frame | 290x75x156 | 3,36 | 48,38 | 44 | 147,84 | 2.252 |
| 160x320 | RETT/LCP *** | 6 | Crate | 172,6x343,2x36 | 5,12 | 72,50 | 16 | 81,92 | 1292 |
| | RETT/LCP *** | 6 | A frame | 330x75x200 | 5,12 | 72,50 | 40 | 204,80 | 3086 |
| 163x324 | SILK/LCP *** | 12 | Crate | 172,6x343,2x36 | 5,28 | 146 | 8 | 42,24 | 1300 |
| | SILK/LCP *** | 12 | A frame | 330x75x200 | 5,28 | 146 | 20 | 106,60 | 3106 |
| 163x324 | SILK / LCP *** | 20 | Crate | 172,6x343,2x36 | 5,28 | 245 | 6 | 31,68 | 1.570 |
| | SILK / LCP *** | 20 | A frame | 330x75x200 | 5,28 | 245 | 12 | 63,36 | 3.090 |

TH2.OUTDOOR SOLUTIONS

| Size Formato Format Format | Thickness Spessore Épaisseur Stärke | Pcs/Box Pz/Scatola Stk/Karton Pieces/Boîte | Sqm/Box Mq/Scatola Qm/Karton M²/Boîte | Kg/Box Kg/Scatola Kg/Karton Kg/Boîte | Box/Pallet Scatola/Pallet Karton/Palette Boîte/Palette | Sqm/Pallet Mq/Pallet Qm/Palette M²/Palette | Kg/Pallet Kg/Pallet Kg/Palette Kg/Palette | |
|-------------------------------------|--|---|--|---|---|---|--|-------|
| 120x120 | RETT ** | 20 | 1,44 | 66,02 | 18 | 25,92 | 1.220 | |
| 30x120 | RETT * | 20 | 0,72 | 32,44 | 36 | 25,92 | 1188 | |
| 80x80 | RETT | 20 | 1 | 0,64 | 28,60 | 45 | 28,80 | 1.307 |
| 60x120 | RETT * | 20 | 1 | 0,72 | 32,33 | 30 | 21,60 | 980 |
| 60x90 | RETT | 20 | 2 | 1,08 | 48,28 | 27 | 29,16 | 1.323 |
| 60x60 | RETT | 20 | 2 | 0,72 | 32,07 | 30 | 21,60 | 965 |

* **WARNING: Storage up to maximum 3 stacked pallets .** **ATTENZIONE,** sovrapporre max 3 palette alla volta . **FAIRE ATTENTION!** Le materiel peut etre empilé par 3 palettes à la fois maximum . **ACHTUNG,** max. 3 Paletten stapeln.

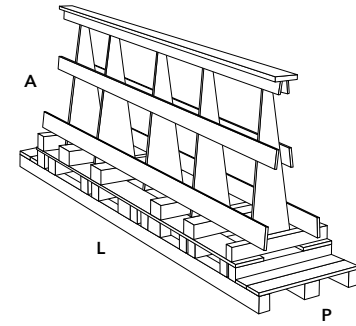
** **WARNING: Storage up to maximum 4 stacked pallets .** **ATTENZIONE,** sovrapporre max 4 palette alla volta . **FAIRE ATTENTION!** Le materiel peut etre empilé par 4 palettes à la fois maximum . **ACHTUNG,** max. 4 paletten stapeln.

*** **WARNING: Storage up to maximum 8 stacked crates .** **ATTENZIONE,** sovrapporre max 8 casse alla volta . **FAIRE ATTENTION!** Le materiel peut etre empilé par 8 caisses à la fois maximum . **ACHTUNG,** max. 8 Verpackungskisten stapeln.

Packaging

Tipologie di imballaggio . Typologie de l'emballage . Verpackungsarten.

A-Frame - Cavalletto - Chevalet - Ständer



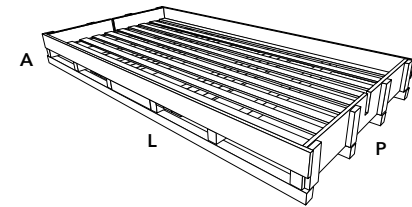
L: 330 x P: 75 x A: 200 cm - € 280

Slab Size - Formato lastre - Dimension des dalles - Plattenformat: **163x324 - 160x320**

L: 290 x P: 75 x A: 156 cm - € 240

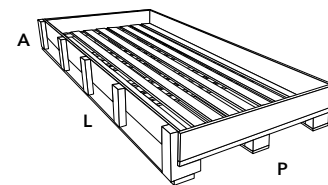
Slab Size - Formato lastre - Dimension des dalles - Plattenformat: **120x280**

Crate - Cassa - Caisse - Kiste



L: 343,2 x P: 172,6 x A: 36 cm - € 190

Slab Size - Formato lastre - Dimension des dalles - Plattenformat: **163x324 - 160x320**



Crate - 20 Pc:

L: 291 x P: 140 x A: 34 cm - € 130

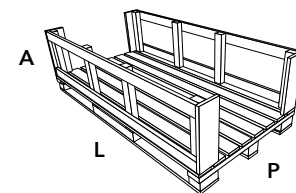
Slab Size - Formato lastre - Dimension des dalles - Plattenformat: **120x280**

Crate - 10 Pc:

L: 292 x P: 132 x A: 21 cm - € 70

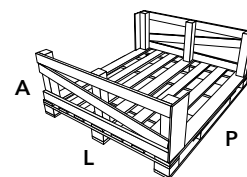
Slab Size - Formato lastre - Dimension des dalles - Plattenformat: **120x280**

Pallet with sides - Pallet con sponde - Palettes - Paletten Gestell



L: 168 x P: 97 x A: 57 cm - € 50

Slab Size - Formato lastre - Dimension des dalles - Plattenformat: **80x160 - 30x160 - 20x160**



L: 143,2 x P: 124 x A: 56,1 cm - € 30

Slab Size - Formato lastre - Dimension des dalles - Plattenformat: **120x120**

Special picking packaging is available for less than 10 pcs.

Per imballi contenenti un numero di scatole minori di 10 sono previsti anche degli imballi speciali.
Pour les emballages contenant un nombre de boîtes inférieur à 10, ils sont prévus aussi de conditionnements spéciaux.
Lieferungen von weniger als 10 Kartons werden in Speziellen Verpackungen geliefert.

Loading composition

Composizioni di carico . Composition du chargement . Zusammenstellung der ladung

| Truck . Camion bilico . Camion avec semi - remorqu . LWK 13,6m x 2,5m | | m ² | Weight Peso Poids Gewicht |
|---|---|----------------|------------------------------------|
| Full 120x120 (9 mm) | Nr. 20 Pallet including 18 pcs each – remain 10 free spaces for standard europallet (80x120) Nr. 27 Palette da 18 sc - rimangono nr 10 spazi per europallet (80x120) | 1.399,68 | 29.754 |
| Full 120x280 (6 mm) | Nr. 20 Crates including 20 pcs each – remain 8 free spaces for standard europallet (80x120) Nr. 20 Casse da 20 pz - rimangono nr 8 spazi per europallet (80x120) | 1.344 | 21.140 |
| Full 160x320 (6 mm) | Nr. 15 Crates including 16 pcs each Nr. 15 Casse da 16 pz | 1.228,80 | 19.380 |
| | Nr. 9 A-frame including 40 pcs each Nr. 9 Cavalletti da 40 pz | 1.843,20 | 27.774 |
| Full 164x324 (12 mm) | Nr. 15 Crates including 8 pcs each Nr. 15 Casse da 8 pz | 633,60 | 19.500 |
| | Nr. 9 A-frame including 20 pcs each Nr. 9 Cavalletti da 20 pz | 950,40 | 27.954 |

| 20 Feet Container . Container 20 piedi . Conteneur 20 pieds . 20-Fuss-Container | | m ² w | Weight Peso Poids Gewicht |
|---|---|------------------|------------------------------------|
| Full 120x120 (9 mm) | Nr. 16 Pallet including 18 pcs each + nr. 4 A-frame including 18 pcs each Nr. 16 Palette da 18 sc + nr 4 cavalletti da 18 sc | 1.051,12 | 22.180 |
| Full 120x280 (6 mm) | A Nr. 12 Crates including 20 pcs each Nr. 12 Casse da 20 pz | 806,40 | 12.720 |
| | B Nr. 6 A-frame including 44 pcs each Nr. 6 Cavalletti da 44 pz | 887,04 | 13.512 |
| | C Nr. 12 Crates including 20 pcs each + nr. 2 A-frame including 44 pcs each Nr. 12 Casse da 20 pz + nr 2 cavalletti da 44 pz | 1102,08 | 17.152 |
| Full 160x320 (6 mm) | A Nr. 5 Crates including 16 pcs each – remain 5 free spaces for standard europallet 80x120 Nr. 5 Casse da 16 pz - rimangono nr 5 spazi per europallet 80x120 | 409,60 | 6.460 |
| | B Nr. 3 A-frame including 40 pcs each – remain 5 free spaces for standard europallet 80x120 Nr. 3 Cavalletti da 40 pz - rimangono nr 5 spazi per europallet 80x120 | 614,40 | 9.258 |
| Full 164x324 (12 mm) | A Nr. 5 Crates including 8 pcs each – remain 5 free spaces for standard europallet 80x120 Nr. 5 Casse da 8 pz - rimangono nr 5 spazi per europallet 80x120 | 211,20 | 6.500 |
| | B Nr. 3 A-frame including 20 pcs each – remain 5 free spaces for standard europallet 80x120 Nr. 3 Cavalletti da 20 pz - rimangono nr 5 spazi per europallet 80x120 | 316,80 | 9.318 |

| 40 Feet Container . Container 40 piedi . Conteneur 40 pieds . 40-Fuss-Container | | m ² | Weight Peso Poids Gewicht |
|---|--|----------------|------------------------------------|
| Full 120x120 (9 mm) | A Nr. 24 Pallet including 18 pcs each Nr. 24 Palette da 18 sc | 1.261,44 | 26.467 |
| Full 120x280 (6 mm) | A Nr. 24 A-frame including 20 pcs each Nr. 24 Casse da 20 pz | 1.612,80 | 25.440 |
| | B Nr. 11 A-frame including 44 pcs each + Nr. 1 A-frame including 35 pcs each Nr. 11 Cavalletti da 44 pz + Nr. 1 Cavalletto da 35 pz | 1.743,84 | 26.588 |
| | C Nr. 17 Crates including 20 pcs each + Nr. 3 A-frame including 44 pcs each + Nr. 1 A-frame including 35 pcs each Nr. 17 Casse da 20 pz + Nr. 3 cavalletti da 44 pz + Nr. 1 Cavalletto da 35 pz | 1.703,52 | 26.500 |
| | D Nr. 24 Crates including 20 pcs each + nr. 1 A-frame including 25 pcs each Nr. 24 Casse da 20 pz + nr 1 cavalletti da 25 pz | 1.696,80 | 26.507 |
| Full 160x320 (6 mm) | A Nr. 15 Crates including 16 pcs each – remain 2 free spaces for standard europallet 80x120 Nr. 15 Casse da 16 pz - rimangono nr 2 spazi per europallet 80x120 | 1.228,80 | 19.380 |
| | B Nr. 8 A-frame including 40 pcs each – remain 3 free spaces for standard europallet 80x120 Nr. 8 Cavalletti da 40 pz - rimangono nr 3 spazi per europallet 80x120 | 1.638,40 | 24.688 |
| Full 164x324 (12 mm) | A Nr. 15 Crates including 8 pcs each – remain 2 free spaces for standard europallet 80x120 Nr. 15 Casse da 8 pz - rimangono nr 2 spazi per europallet 80x120 | 633,60 | 19.500 |
| | B Nr. 8 A-frame including 20 pcs each + nr. 1 A-frame including 12 pcs Nr. 8 Cavalletti da 20 pz + nr. 1 cavalletto da 12 pz | 908,16 | 26.786 |

Should you fit multiple sizes packing, please contact us in order to maximize the best composition (max sqmts load).

Per carichi misti tra vari formati contattare l'azienda per la soluzione migliore.
Pour tout chargement en mélange avec différents formats, contactez s'il vous plait l'usine à fin de trouver la solution la plus adaptée.
Bei Verladungen von verschiedenen Formaten wenden Sie sich an das Unternehmen, um die beste Lösung zu erfragen.

Packaging handling

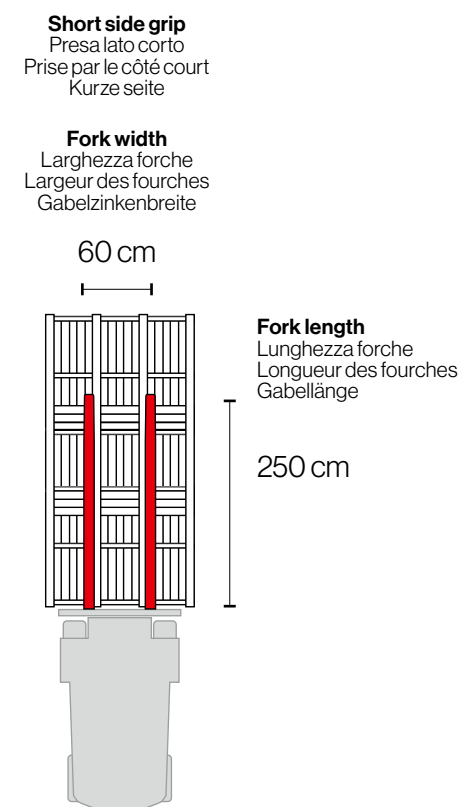
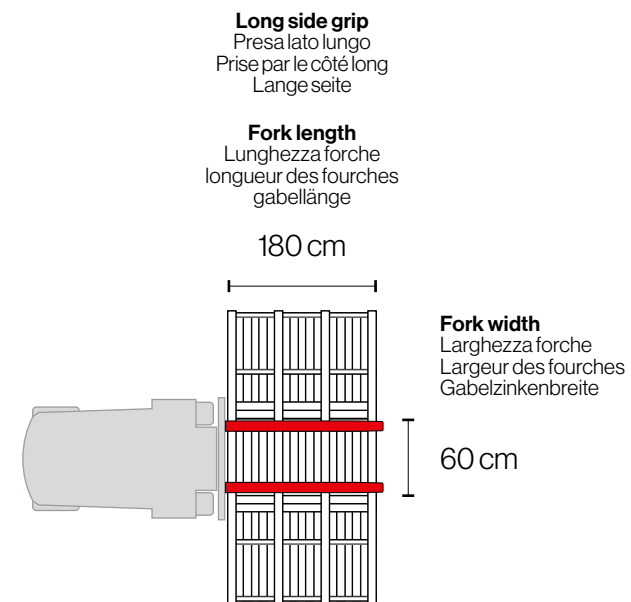
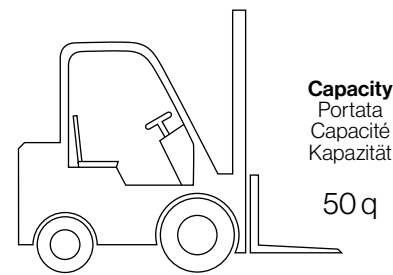
Movimentazione degli imballi . Manipulations des emballages . Verpackungsarten.

For a correct and safe handling of crates, A-frame and pallets, it is recommended to use a forklift with a capacity of 5 tons and with forks at least 250 cm long.

Per una corretta e sicura movimentazione di casse, cavalletti e pallet si raccomanda l'utilizzo di un carrello elevatore con portata di 50 quintali e con forche di lunghezza pari almeno 250 cm.

Pour une manipulation correcte et sécurisée des caisses, des tréteaux et des palettes, nous recommandons l'utilisation d'un chariot élévateur avec une capacité de 50 quintaux et avec des fourches d'une longueur d'au moins 250 cm.

Für eine korrekte und sichere Handhabung von Kisten, Böcken und Paletten empfehlen wir die Verwendung eines Gabelstaplers mit einer Kapazität von 50 Doppelzentner mit Gabeln einer Länge von mindestens 250 cm.



On-site slabs handling

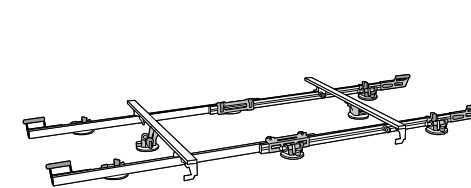
Movimentazione delle lastre in cantiere . Manipulation des grandes dalles sur le chantier
Verarbeitung der grossformatplatten auf der baustelle.

Suction cups are absolutely necessary for the handling of each slab and, where appropriate, a trolley can also be used.

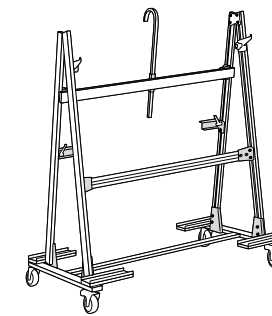
Per la movimentazione di lastre singole sono assolutamente necessari degli organi di presa a ventose ed eventualmente anche un carrello con ruote per il trasporto.

La manipulation des plaques individuelles nécessite impérativement de dispositifs dotés de ventouses et éventuellement aussi un chariot avec des roues pour en faciliter le transport.

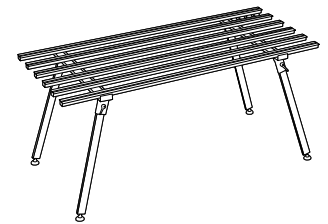
Zur Handhabung von Einzelplatten sind Greifvorrichtungen mit Saugnapfen und möglicherweise auch ein Wagen mit Rädern für den Transport nötig.



Handling frame equipped with suction cups
Telaio di movimentazione dotato di ventose
Châssis doté de ventouses
Transportrahmen mit Saugnapfen



Wheeled trolley
Carrello con ruote
Chariot à roues
Rollgestell



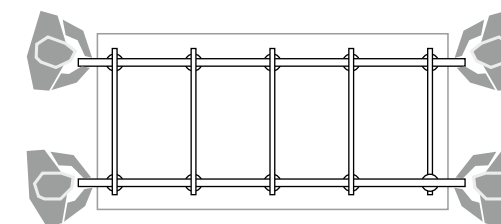
Working table
Banco da lavoro
Table de travail
Arbeitstisch

In addition, the dimensions of the slabs require great caution and attention in all movements. For the 160x320 format the presence of four operators at the same time is compulsory and the slabs must be handled on the long side, in order to avoid bumps or excessive bending.

Inoltre, le elevate dimensioni delle lastre richiedono grande cautela e attenzione in tutti gli spostamenti. Per il formato 160x320 è necessaria la presenza di quattro operatori contemporaneamente e la movimentazione della lastra deve sempre seguire il lato lungo, al fine di evitare urti o eccessive flessioni.

De plus, les dimensions élevées des dalles exigent beaucoup de prudence et d'attention dans tous les mouvements. Pour le format 160x320 est nécessaire la présence de quatre opérateurs à la fois et le mouvement de la plaque doit toujours suivre le côté long, à fin d'éviter des chocs ou une flexion excessive.

Außerdem erfordern die Dimensionen dieser Platten bei allen Bewegungen große Vorsicht und Aufmerksamkeit. Für das Format 160x320 sind zur Vermeidung großer Biegungen stets 4 Personen zur Bewegung oder Umlagerung der Platten notwendig und eine Umlagerung sollte immer mit entsprechender Unterstützung der langen Seite erfolgen.



The dimensions and weight of the EKXTREME line require specific safety measures to allow operators to work safely and to avoid any possible breakages of the slabs.

Dimensioni e peso dei formati della gamma **EKXTREME** richiedono apposite misure di sicurezza per consentire agli operatori di lavorare senza pericoli, evitando così possibili rotture delle lastre stesse.

Les dimensions et poids de la gamme **EKXTREME** nécessitent des mesures de sécurité spécifiques pour permettre aux opérateurs de travailler sans risques, évitant ainsi de possibles ruptures de plaques.

Maße und Gewichte der **EKXTREME**-Reihe erfordern spezifische Sicherheitsmaßnahmen damit die Bediener gefahrlos arbeiten können und ein eventueller Plattenbruch vermieden wird.

ENERGIEKER

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