

SIERRA

EL SUELO ES LA FUENTE





# SIERRA

EL SUELO ES LA FUENTE

DOSSUELO TILE SOUGHT  
OUT THE PUREST MATERIAL  
DIRECTLY AT THE SOURCE,  
ACCOMPANIED BY LEADING  
EXPERTS IN THE FIELD OF  
NATURAL MARBLES.

ABOUT



U S

DOSSUELO is a brand relying on knowledge and boldness to execute. what is brand seeking this to create new ideas and create opportunities for designers and architects to achieve a decorative product to create a particular work.to create a new collection, we seek out the most original sources of inspiration wherever they are maybe. The rarest stone and marbles, that best reflect a contemporary character re interpreted until an innovative material of absolute excellence and quality is achieved, fully conveying the meaning and style of Europe throughout the world.

soil is source



## SIERRA

THE TRACES LEFT BY THE PASSAGE OF TIME AND DAILY LIFE CREATE AN AUTHENTIC CONNECTION BETWEEN THE ARCHITECTURE OF A SPACE AND ITS HISTORY. INSPIRED BY THE AESTHETICS OF MAGNIFICENT MARBLE, DOSSUELO IS PRESENTING SIERRA, THE PORCELAIN TILE COLLECTION THAT BRINGS TOGETHER MEMORIES OF PAST TIMES AND CONTEMPORARY STYLISTIC TRENDS.

|         |                               |                                  |                             |                              |                         |                            |                                   |                                   |                                  |                              |                             |
|---------|-------------------------------|----------------------------------|-----------------------------|------------------------------|-------------------------|----------------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------------|-----------------------------|
| 60X60   | 01/MONTANA<br>WHITE<br>P 04   | 02/KAMELIN<br>LIGHT GREY<br>P 05 | 03/CALCATE<br>WHITE<br>P 06 | 04/ELEGANCE<br>WHITE<br>P 08 | 05/ROSALINE             | 06/CARRERA<br>GOLD<br>P 10 | 07/PANDA<br>BLACK & WHITE<br>P 11 | 08/BLACKBURN<br>BLACK<br>P 12     | 09/SWANFLY<br>BLACK<br>P 13      | 10/BLUESTONE<br>BLUE<br>P 14 | 11/ZEBRANO<br>BEIGE<br>P 15 |
| 60X120  |                               | LIGHT GREY<br>P 05               | WHITE<br>P 07               | WHITE<br>P 08                | WHITE<br>P 09           | GOLD<br>P 10               | BLACK & WHITE<br>P 11             | BLACK<br>P 12                     | BLACK<br>P 13                    | BLUE<br>P 14                 | BEIGE<br>P 15               |
| 100X100 | 12/KING STONE<br>SNOW<br>P 16 | 13/BUTTERFLY<br>SNOW<br>P 17     | 14/LATINO                   | 15/LATINO                    | 16/DION<br>GREY<br>P 20 | 17/DION<br>BEIGE<br>P 20   | 18/PETRUCCI<br>CREAM<br>P 22      | 19/PETRUCCI<br>LIGHT GREY<br>P 22 | 20/PETRUCCI<br>DARK GREY<br>P 22 | 21/MIRO<br>BROWN<br>P 12     |                             |
| 80X160  |                               |                                  | GOLD<br>P 18                | SILVER<br>P 19               | GREY<br>P 21            |                            |                                   |                                   |                                  |                              |                             |

CONTENT





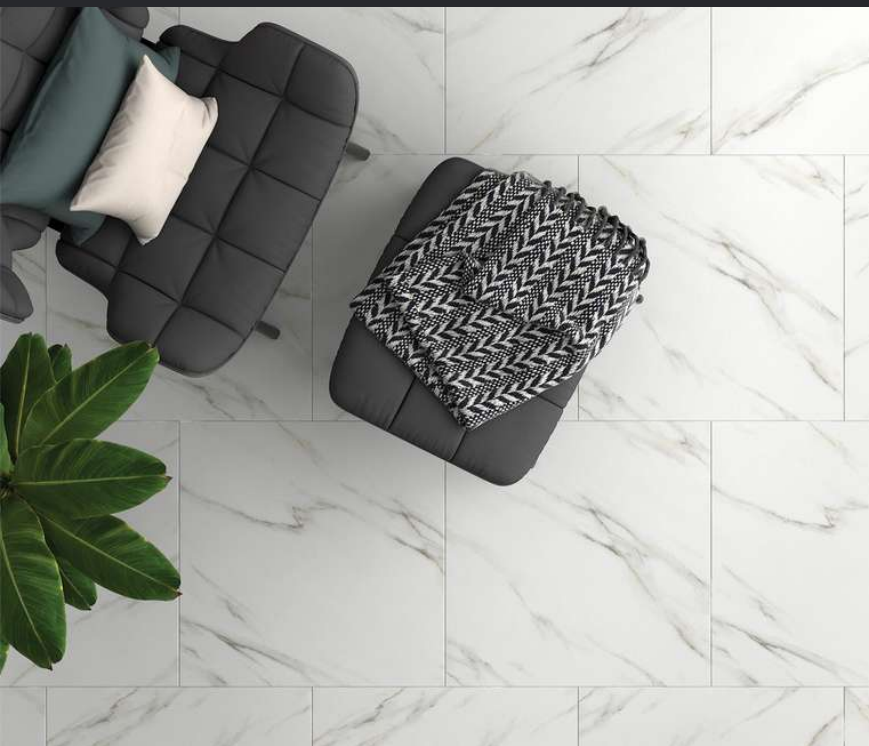
**MONTANA**

FLOOR

60x60

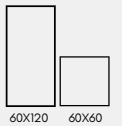
WHITE  
MATT  
STRUCTURE  
6 FACE

MORE DETAILS ON PAGE 25





**KAMELINE**  
WALL&FLOOR  
WHITE  
POLISHED  
4 FACE  
MORE DETAILS ON PAGE 25





**CALCATE**

WALL&FLOOR

WHITE  
MATT  
MATT SILKY  
POLISHED  
& FACE  
MORE DETAILS ON PAGE 25



60X120



40X120



60X60



30X30



25X25

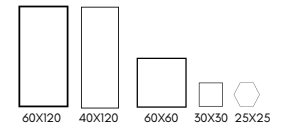




**CALCATTE**

WALL&FLOOR

WHITE  
MATT  
MATT SILKY  
POLISHED  
6 FACED  
MORE DETAILS ON PAGE 25





08

**ELEGANCE**  
WALL&FLOOR  
WHITE  
SEMI POLISHED  
6 FACE  
MORE DETAILS ON PAGE 23





**ROSALINE**  
WALL&FLOOR  
WHITE  
MATT  
4 FACE  
MORE DETAILS ON PAGE 26

60X120 60X60



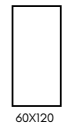
**CARRERA**  
WALL&FLOOR  
WHITE  
MATT  
4 FACE  
MORE DETAILS ON PAGE 26



60X120



**PANDA**  
WALL&FLOOR  
WHITE  
4MATCH  
MATT  
6 FACE  
MORE DETAILS ON PAGE 26

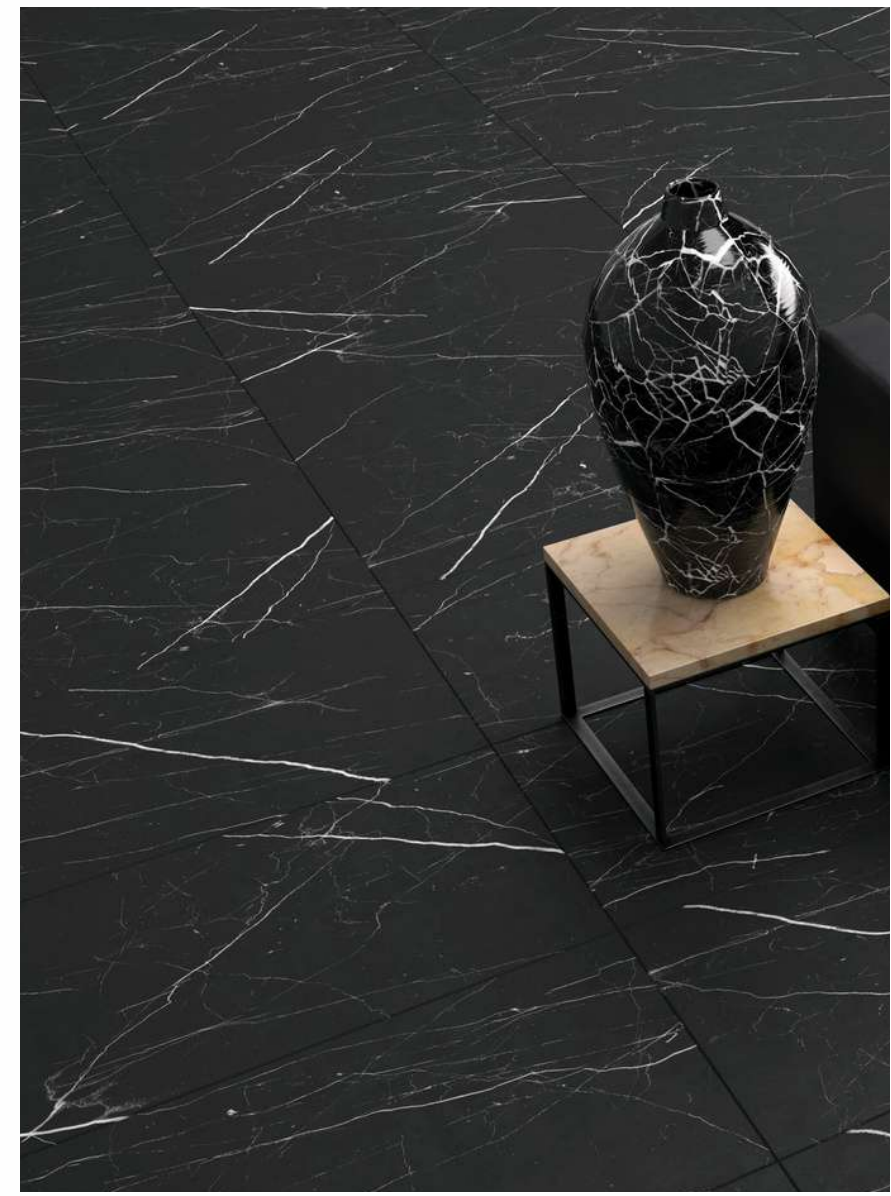




**BLACK BURN**  
WALL&FLOOR  
BLACK  
SEMI POLISHED  
3 FACE  
MORE DETAILS ON PAGE 30



60X120





SWANFLY

WALL

CHARCOAL

4MATCH

MATT

1 FACE

MORE DETAILS ON PAGE 25



60X120



FLOOR & WALL  
Blue  
60x120

**BLUESTONE**  
WALL&FLOOR  
BLUE  
POLISHED  
& FACE  
MORE DETAILS ON PAGE 30



60X120





ZEBRANO

FLOOR

- BEIGE
- GREY
- MATT
- 4 FACE
- SUPER

MORE DETAILS ON PAGE 28



80X160



**KING STONE**

WALL&FLOOR

SNOW  
POLISHED  
4 FACE  
MORE DETAILS ON PAGE 27



100X100



100X100

**BUTTERFLY**

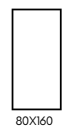
FLOOR

SNOW  
4MATCH  
POLISHED  
1 FACE

MORE DETAILS ON PAGE 27



**LATINO**  
FLOOR  
SILVER  
POLISHED  
7 FACE  
MORE DETAILS ON PAGE 28



LATINO

FLOOR

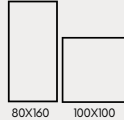
GOLD  
MATT  
7 FACE  
MORE DETAILS ON  
PAGE 28

80X160





**DION**  
FLOOR  
GREY  
BEIGE  
POLISHED  
4 FACE  
MORE DETAILS ON PAGE 27



80X160 100X100





**DION**  
FLOOR

GREY  
BEIGE  
POLISHED  
4 FACE  
MORE DETAILS ON  
PAGE 26



**PETRUCCI**

FLOOR

100X100

BEIGE  
GREY  
POLISHED  
4 FACE  
MORE DETAILS ON  
PAGE 29







**MIRO**

FLOOR

100X100

BROWN  
POLISHED  
5 FACE  
MORE DETAILS ON PAGE 29



# CATALOGUE

guide

- AVAILABLE SIZE
- PATTERN AND FACES
- TECHNICAL INFORMATION
- TECHNICAL CHARACTERISTICS
- TECHNICAL FEATURES
- PRODUCT CHARACTERISTICS
- PACKING AND WEIGHT





## KAMELINE

10 MM

WHITE

POLISHED

4 FACE

WALL&FLOOR

60X60,60X120

PORCELAINE

RECTIFIED

OUTDOOR<sup>R</sup>/INDOOR

ANTI SLIPPERY

MORE PICTURES ON PAGE 05



## MONTANA

10 MM

WHITE

MATT

SREUCTURE

6 FACE

FLOOR

60X60

PORCELAINE

RECTIFIED

OUTDOOR<sup>R</sup>/INDOOR

ANTI SLIPPERY

MORE PICTURES ON PAGE 04



## SWANFLY

10 MM

WHITE

POLISHED, MATT, MATT SILKY

4 FACE

WALL&FLOOR

25X25,30X30,60X60,40X120,60X120

PORCELAINE

RECTIFIED

OUTDOOR<sup>R</sup>/INDOOR

ANTI SLIPPERY

MORE PICTURES ON PAGE 13



## CALCATTE

10 MM

WHITE

POLISHED, MATT, MATT SILKY

4 FACE

WALL&FLOOR

25X25,30X30,60X60,40X120,60X120

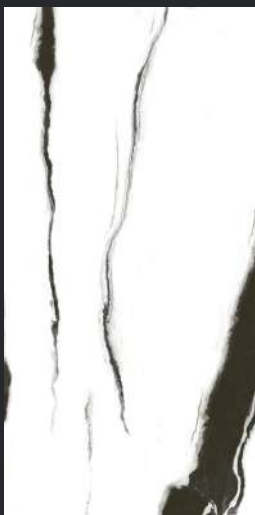
PORCELAINE

RECTIFIED

OUTDOOR<sup>R</sup>/INDOOR

ANTI SLIPPERY

MORE PICTURES ON PAGE 06,07



## PANDA

10 MM

WHITE

MATT

6 FACE

BOOK MATCH ,4 MATCHES

WALL&FLOOR

60X120

PORCELAINE

RECTIFIED

OUTDOOR' /INDOOR

ANTI SLIPPERY

MORE PICTURES ON PAGE 11



## ELEGANCE

10 MM

WHITE

SEMI POLISHED

6 FACE

FLOOR

60X120

PORCELAINE

RECTIFIED

OUTDOOR' /INDOOR

ANTI SLIPPERY

MORE PICTURES ON PAGE 08



## CARRERA

10 MM

WHITE

POLISHED, MATT, MATT SILKY

4 FACE

WALL&FLOOR

25X25,30X30,60X60,40X120,60X120

PORCELAINE

RECTIFIED

OUTDOOR' /INDOOR

ANTI SLIPPERY

MORE PICTURES ON PAGE 10



## ROSALINE

10 MM

WHITE

MATT

4 FACE

WALL&FLOOR

60X60,60X120

PORCELAINE

RECTIFIED

OUTDOOR' /INDOOR

ANTI SLIPPERY

MORE PICTURES ON PAGE 09



## KINGSTONE

10 MM

SNOW

POLISHED

4 FACE

WALL&FLOOR

100X100

PORCELAINE

RECTIFIED

INDOOR

MORE PICTURES ON PAGE 16



## BUTTERFLY

10 MM

SNOW

POLISHED

BOOK MATCH, 4 MATCHES

4 FACE

WALL&FLOOR

100X100

PORCELAINE

RECTIFIED

INDOOR

FULL DESIGN SIZE 200X100

MORE PICTURES ON PAGE 17



## DION

10 MM

BEIGE

POLISHED

4 FACE

WALL&FLOOR

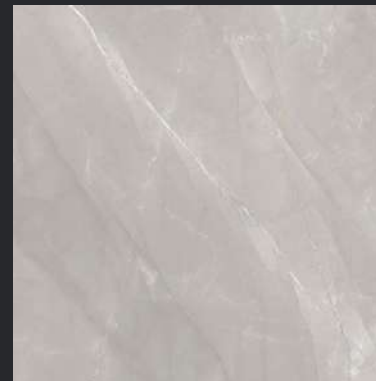
100X100

PORCELAINE

RECTIFIED

INDOOR

MORE PICTURES ON PAGE 20



## DION

10 MM

GREY

POLISHED

4 FACE

WALL&FLOOR

100X100

PORCELAINE

RECTIFIED

INDOOR

MORE PICTURES ON PAGE 20



## LATINO

10 MM

SILVER

POLISHED

7 FACE

WALL&FLOOR

80X160

PORCELAINE

RECTIFIED

INDOOR

MORE PICTURES ON PAGE 18



## DION

10 MM

GREY

POLISHED

4 FACE

FLOOR

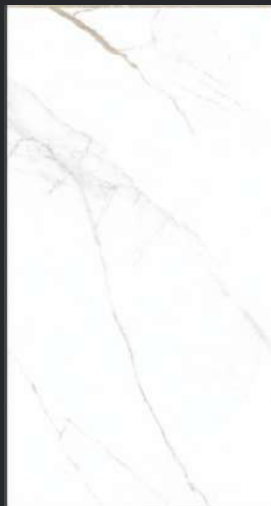
80X160

PORCELAINE

RECTIFIED

OUTDOOR, /INDOOR

MORE PICTURES ON PAGE 21



## LATINO

10 MM

GOLD

MATT

7 FACE

WALL&FLOOR

80X160

PORCELAINE

RECTIFIED

INDOOR

MORE PICTURES ON PAGE 19



## ZEBRANO

10 MM

BEIGE, GREY

MATT

SUGER

4 FACE

WALL&FLOOR

60X120

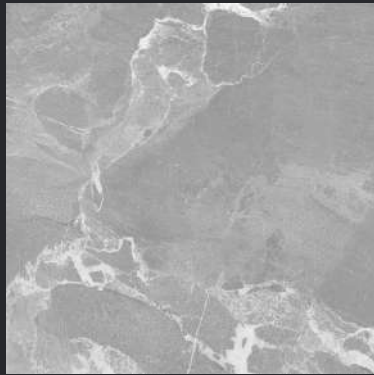
PORCELAINE

RECTIFIED

INDOOR

ANTI SLIPPERY

MORE PICTURES ON PAGE 15



## PETRUCCI

10 MM

GREY

POLISHED

4 FACE

WALL&FLOOR

100X100

PORCELAINE

RECTIFIED

INDOOR

MORE PICTURES ON PAGE 22



## PETRUCCI

10 MM

DARK GREY

POLISHED

4 FACE

WALL&FLOOR

100X100

PORCELAINE

RECTIFIED

INDOOR

MORE PICTURES ON PAGE 22



## PETRUCCI

10 MM

CREAM

POLISHED

4 FACE

WALL&FLOOR

100X100

PORCELAINE

RECTIFIED

INDOOR

MORE PICTURES ON PAGE 22



## MIRO

10 MM

BROWN

POLISHED

5 FACE

WALL&FLOOR

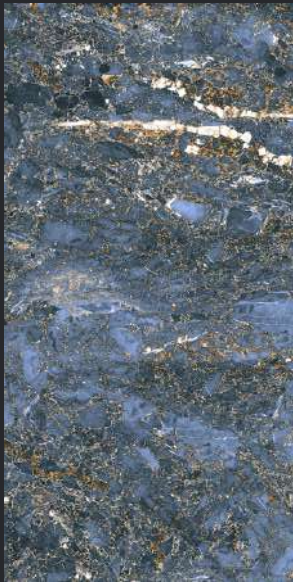
100X100

PORCELAINE

RECTIFIED

INDOOR

MORE PICTURES ON PAGE 23



## BLUESTONE

---

10 MM

---

BLUE

---

POLISHED

---

6 FACE

---

WALL&FLOOR

---

60X120

---

PORCELAINE

---

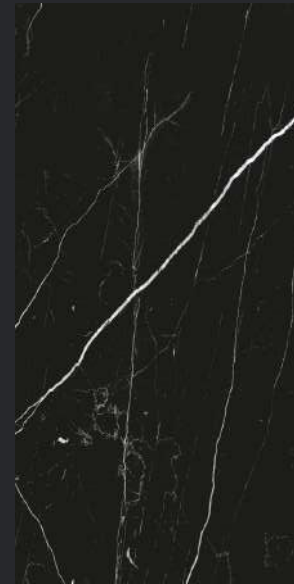
RECTIFIED

---

OUTDOOR/INDOOR

---

MORE PICTURES ON PAGE 14



## BLACK BURN

---

10 MM

---

BLACK

---

SEMI POLISHED

---

6 FACE

---

WALL&FLOOR

---

60X120

---

PORCELAINE

---

RECTIFIED

---

INDOOR

---

MORE PICTURES ON PAGE 12



| Normal size                             |   | 600*1200  | 400*1200  | 200*1200  | 600*600   | 300*300       | 600*600   | 400*400   | 120*245   | Hexagonal     | 60*285        | 300*300       | Reference          | Test method        |
|---|---|-----------|-----------|-----------|-----------|---------------|-----------|-----------|-----------|---------------|---------------|---------------|--------------------|--------------------|
| Work size                               |   | 596*1198  | 396*1198  | 196*1198  | 596*596   | 299*303       | 596*596   | 394*394   | 118*242   | 251*292       | 60*285        | 300*300       |                    |                    |
| LENGHT & WIDTH                          | A) for non-rectified, the deviation of the average size for each tile (two or four sides) Frome the work size, Sw | ±2mm      | ±2mm      | ±2mm      | ±2mm      | ±2mm          | ±2mm      | ±2mm      | ±2mm      | ±2mm          | ±2mm          | ±2mm          | ISO 13006          | ISO 10545-2        |
|   |   | ±2mm      | ±2mm      | ±2mm      | ±2mm      | ±2mm          | ±2mm      | ±2mm      | ±2mm      | ±2mm          | ±2mm          | ±2mm          | Inso25             | Inso9169-2         |
|   |   | Rectified | Rectified | Rectified | Rectified | ±1mm          | Rectified | Rectified | ±1mm      | ±1mm          | ±1mm          | Rectified     | Dossuelo           | ISO 13006 & inso25 |
|   | B)for rectified, the deviation of the average size for each tile(two or four sides) frome the work size, Sw       | ±1mm      | ±1mm      | ±1mm      | ±1mm      | ±1mm          | ±1mm      | ±1mm      | ±1mm      | ±1mm          | ±1mm          | ±1mm          | ISO 13006          | ISO 10545-2        |
|   |   | Undefined | Undefined | Undefined | Undefined | Undefined     | Undefined | Undefined | Undefined | Undefined     | Undefined     | Undefined     | Inso25             | Inso9169-2         |
|   |   | ±0.5 mm   | ±0.5 mm   | ±0.5 mm   | ±0.5 mm   | Non rectified | ±0.5 mm   | ±0.5 mm   | ±0.5 mm   | Non rectified | Non rectified | Non rectified | ±0.5 mm            | Dossuelo           |
| THICKNESS                               | Work thickness  | 12 mm     | 11.5 mm   | 12 mm     | 10.5 mm   | 9.5 mm        | 14.5 mm   | 14.5 mm   | 8 mm      | 8.4 mm        | 13.5 mm       | 9.5 mm        | Qualitative design |                    |
|   | The deviation of the average thickness of each tile from the work size thickness                                  | ±0.5 mm   | ±0.5 mm   | ±0.5 mm   | ±0.5 mm   | ±0.5%         | ±0.5 mm   | ±0.5 mm   | ±0.5 %    | ±0.5 %        | ±0.5 mm       | ±0.5 %        | ISO 13006          | ISO 10545-2        |
|   |   | ±0.5 mm   | ±0.5 mm   | ±0.5 mm   | ±0.5 mm   | ±0.5 %        | ±0.5 mm   | ±0.5 mm   | ±0.5 %    | ±0.5 %        | ±0.5 mm       | ±0.5 %        | Inso25             | Inso9169-2         |
|   |   | ±0.3 mm   | ±0.3 mm   | ±0.3 mm   | ±0.3 mm   | ±0.3 mm       | ±0.3 mm   | ±0.3 mm   | ±0.3 mm   | ±0.3 mm       | ±0.3 mm       | ±0.3 mm       | Dossuelo           | ISO 13006 & inso25 |
| STRAIGHTNESS OF THE SIZE (FACIAL SIDES) | A) for non-rectified tiles, the maximum deviation frome straightness related to the corresponding work sizes      | ±1.5 mm   | ±1.5 mm   | ±1.5 mm   | ±1.5 mm   | ±1.5 mm       | ±1.5 mm   | ±1.5 mm   | ±1.5 mm   | ±1.5 mm       | ±1.5 mm       | ±1.5 mm       | ISO 13006          | ISO 10545-2        |
|   |   | ±1.5 mm   | ±1.5 mm   | ±1.5 mm   | ±1.5 mm   | ±1.5 mm       | ±1.5 mm   | ±1.5 mm   | ±1.5 mm   | ±1.5 mm       | ±1.5 mm       | ±1.5 mm       | Inso25             | Inso9169-2         |
|   |   | Rectified | Rectified | Rectified | Rectified | ±1mm          | Rectified | Rectified | ±1mm      | ±1mm          | ±1mm          | Rectified     | Dossuelo           | ISO 13006 & inso25 |
|   | B) for non-rectified tiles, the maximum deviation frome straightness related to the corresponding work sizes      | ±0.8 mm   | ±0.8 mm   | ±0.8 mm   | ±0.8 mm   | ±0.8 mm       | ±0.8 mm   | ±0.8 mm   | ±0.8 mm   | ±0.8 mm       | ±0.8 mm       | ±0.8 mm       | ISO 13006          | ISO 10545-2        |
|   |   | Undefined | Undefined | Undefined | Undefined | Undefined     | Undefined | Undefined | Undefined | Undefined     | Undefined     | Undefined     | Inso25             | Inso9169-2         |
|   |   | ±0.5 mm   | ±0.5 mm   | ±0.5 mm   | ±0.5 mm   | Non rectified | ±0.5 mm   | ±0.5 mm   | ±0.5 mm   | Non rectified | Non rectified | Non rectified | ±0.5 mm            | Dossuelo           |
| RECTANGULARITY                          | A) for non-rectified tiles, the maximum deviation frome rectangularity related to the corresponding work sizes    | ±2 mm     | ±2 mm     | ±2 mm     | ±2 mm     | ±2 mm         | ±2 mm     | ±2 mm     | ±2 mm     | ±2 mm         | ±2 mm         | ±2 mm         | ISO 13006          | ISO 10545-2        |
|   |   | ±2 mm     | ±2 mm     | ±2 mm     | ±2 mm     | ±2 mm         | ±2 mm     | ±2 mm     | ±2 mm     | ±2 mm         | ±2 mm         | ±2 mm         | Inso25             | Inso9169-2         |
|   |   | Rectified | Rectified | Rectified | Rectified | ±1mm          | Rectified | Rectified | ±1mm      | ±1mm          | ±1mm          | Rectified     | Dossuelo           | ISO 13006 & inso25 |
|   | B) for non-rectified tiles, the maximum deviation frome rectangularity related to the corresponding work sizes    | ±1.5 mm   | ±1.5 mm   | ±1.5 mm   | ±1.5 mm   | ±1.5 mm       | ±1.5 mm   | ±1.5 mm   | ±1.5 mm   | ±1.5 mm       | ±1.5 mm       | ±1.5 mm       | ISO 13006          | ISO 10545-2        |
|   |   | Undefined | Undefined | Undefined | Undefined | Undefined     | Undefined | Undefined | Undefined | Undefined     | Undefined     | Undefined     | Inso25             | Inso9169-2         |
|   |   | ±0.5 mm   | ±0.5 mm   | ±0.5 mm   | ±0.5 mm   | Non rectified | ±0.5 mm   | ±0.5 mm   | ±0.5 mm   | Non rectified | Non rectified | Non rectified | ±0.5 mm            | Dossuelo           |



**PHYSICAL PROPERTIES**

|   |  |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |                    |                    |
|---|--|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------|--------------------|
| <b>Normal size</b>  | 600*1200   | 400*1200                      | 200*1200                      | 600*600                       | 300*300                       | 600*600                       | 400*400                       | 120*245                       | Hexagonal                     | 60*285                        | 300*300                       | Reference                     | Test method        |                    |
| <b>Work size</b>  | 596*1198   | 396*1198                      | 196*1198                      | 596*596                       | 299*303                       | 596*596                       | 394*394                       | 118*242                       | 251*292                       | 60*285                        | 300*300                       |                               |                    |                    |
| <b>Water absorption mass fractions</b>  | 0.5 %<math>\leq E \leq 3\%   | 0.5 %<math>\leq E \leq 3\%    | 0.5 %<math>\leq E \leq 3\%    | 0.5 %<math>\leq E \leq 3\%    | 0.5 %<math>\leq E \leq 3\%    | $E \leq 0.5\%$                | $E \leq 0.5\%$                | $E \leq 0.5\%$                | $E \leq 0.5\%$                | $E \leq 0.5\%$                | $E \leq 0.5\%$                | 3%<math>\leq E \leq 6\%       | ISO 13006          | ISO 10545-3        |
|   | 0.5 %<math>\leq E \leq 3\%   | 0.5 %<math>\leq E \leq 3\%    | 0.5 %<math>\leq E \leq 3\%    | 0.5 %<math>\leq E \leq 3\%    | 0.5 %<math>\leq E \leq 3\%    | $E \leq 0.5\%$                | $E \leq 0.5\%$                | $E \leq 0.5\%$                | $E \leq 0.5\%$                | $E \leq 0.5\%$                | $E \leq 0.5\%$                | 3%<math>\leq E \leq 6\%       | Inso25             | Inso9169-3         |
|   | 0.5 %<math>\leq E \leq 3\%   | 0.5 %<math>\leq E \leq 3\%    | 0.5 %<math>\leq E \leq 3\%    | 0.5 %<math>\leq E \leq 3\%    | 0.5 %<math>\leq E \leq 3\%    | $E \leq 0.5\%$                | $E \leq 0.5\%$                | $E \leq 0.5\%$                | $E \leq 0.5\%$                | $E \leq 0.5\%$                | $E \leq 0.5\%$                | 3%<math>\leq E \leq 6\%       | Dossuelo           | ISO 13006 & inso25 |
| <b>Breaking strength , in newtons</b>   | $S \geq 1100$ N  | $S \geq 1100$ N               | $S \geq 1100$ N               | $S \geq 1100$ N               | $S \geq 1100$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1000$ N               | ISO 13006          | ISO 10545-4        |
|   | $S \geq 1100$ N  | $S \geq 1100$ N               | $S \geq 1100$ N               | $S \geq 1100$ N               | $S \geq 1100$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1000$ N               | Inso25             | Inso9169-4         |
|   | $S \geq 1100$ N  | $S \geq 1100$ N               | $S \geq 1100$ N               | $S \geq 1100$ N               | $S \geq 1100$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1300$ N               | $S \geq 1000$ N               | Dossuelo           | ISO 13006 & inso25 |
| Modulus of rupture, in newtons per square millimetre not applicable to tiles with breaking strength $\geq 3000$ N | $R \geq 30$ N/mm <sup>2</sup>  | $R \geq 30$ N/mm <sup>2</sup> | $R \geq 30$ N/mm <sup>2</sup> | $R \geq 30$ N/mm <sup>2</sup> | $R \geq 30$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 22$ N/mm <sup>2</sup> | ISO 13006          | ISO 10545-4        |
|   | $R \geq 30$ N/mm <sup>2</sup>  | $R \geq 30$ N/mm <sup>2</sup> | $R \geq 30$ N/mm <sup>2</sup> | $R \geq 30$ N/mm <sup>2</sup> | $R \geq 30$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 22$ N/mm <sup>2</sup> | Inso25             | Inso9169-4         |
|   | $R \geq 35$ N/mm <sup>2</sup>  | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 35$ N/mm <sup>2</sup> | $R \geq 40$ N/mm <sup>2</sup> | $R \geq 40$ N/mm <sup>2</sup> | $R \geq 40$ N/mm <sup>2</sup> | $R \geq 40$ N/mm <sup>2</sup> | $R \geq 40$ N/mm <sup>2</sup> | $R \geq 40$ N/mm <sup>2</sup> | $R \geq 27$ N/mm <sup>2</sup> | Dossuelo           | ISO 13006 & inso25 |
| <b>Abrasion resistance</b>  | <b>Report abrasion class and cycles passed.</b>                                |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               | ISO 13006                     | ISO 10545-7        |                    |
|   | 2  | 2                             | 2                             | 2                             | 2                             | 2                             | 2                             | 2                             | 2                             | 2                             | 2                             | 1                             | Inso25             | Inso9169-7         |
| Coefficient of linear thermal expansion ( from ambient temperature to 100°C)                                      | <b>Test method available</b>   |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               | ISO 13006                     | ISO 10545-8        |                    |
|   | $6.8 \cdot 10^{-6}$  | $6.8 \cdot 10^{-6}$           | $6.8 \cdot 10^{-6}$           | $6.8 \cdot 10^{-6}$           | $6.8 \cdot 10^{-6}$           | $6.8 \cdot 10^{-6}$           | $6.8 \cdot 10^{-6}$           | $6.8 \cdot 10^{-6}$           | $6.8 \cdot 10^{-6}$           | $6.8 \cdot 10^{-6}$           | $6.8 \cdot 10^{-6}$           | $6.8 \cdot 10^{-6}$           | Dossuelo           | ISO 13006 & inso25 |
| <b>Thermal shock resistance</b>   | <b>Test method available</b>   |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               | ISO 13006                     | ISO 10545-9        |                    |
|   | <b>No damage at all</b>  |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               | Inso25                        | Inso9169-9         |                    |
| <b>Crazing resistance : glazed tiles</b>  | <b>Required</b>  |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               | Dossuelo                      | ISO 13006 & inso25 |                    |
|   | <b>The test is performed at a pressure of 6 bar and no problem is observed</b> |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               | ISO 13006                     | ISO 10545-11       |                    |
| <b>Frost resistance</b>   | <b>Required</b>  |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               | Inso25                        | Inso9169-11        |                    |
|   | <b>No damage at all</b>  |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               | Dossuelo                      | ISO 13006 & inso25 |                    |
| <b>Small colour differences</b>   | $\Delta E < 0.75$  | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | ISO 13006          | ISO 10545-16       |
|   | $\Delta E < 0.75$  | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | $\Delta E < 0.75$             | Inso25             | Inso9169-16        |
|   | $\Delta E < 0.65$  | $\Delta E < 0.65$             | $\Delta E < 0.65$             | $\Delta E < 0.65$             | $\Delta E < 0.65$             | $\Delta E < 0.65$             | $\Delta E < 0.65$             | $\Delta E < 0.65$             | $\Delta E < 0.65$             | $\Delta E < 0.65$             | $\Delta E < 0.65$             | $\Delta E < 0.65$             | Dossuelo           | ISO 13006 & inso25 |
| <b>Impact resistance</b>  | Not applicable   | Not applicable                | Not applicable                | Not applicable                | Not applicable                | e<0.85pa & no-split           | e<0.85pa & no-split           | e<0.85pa & no-split           | e<0.85pa & no-split           | e<0.85pa & no-split           | e<0.85pa & no-split           | Not applicable                | ISO 13006          | ISO 10545-5        |
|   |  |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               | Inso25             | Inso9169-5         |
|   | e<0.88pa   | e<0.88pa                      | e<0.88pa                      | e<0.88pa                      | e<0.88pa                      | e<0.81pa & no-split           | e<0.81pa & no-split           | e<0.81pa & no-split           | e<0.81pa & no-split           | e<0.81pa & no-split           | e<0.81pa & no-split           | e<0.88pa                      | Dossuelo           | ISO 13006 & inso25 |
| <b>Resistance to staining</b>   | <b>Minimum class 3</b>   |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               | ISO 13006                     | ISO 10545-14       |                    |
|   | <b>Minimum class 3</b>   |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               | Inso25                        | Inso9169-14        |                    |
|   | Class 3  | Class 3                       | Class 3                       | Class 3                       | Class 3                       | Class 3                       | Class 3                       | Class 3                       | Class 3                       | Class 3                       | Class 3                       | Class 3                       | Dossuelo           | ISO 13006 & inso25 |
| <b>Resistance to chemicals</b>  | <b>Manufactures is to state classification</b>                                 |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               | ISO 13006                     | ISO 10545-13       |                    |
|   |  |                               |                               |                               |                               |                               |                               |                               |                               |                               |                               | Inso25                        | Inso9169-13        |                    |
|   | GB   | GB                            | GB                            | GB                            | GB                            | GB                            | GB                            | GB                            | GB                            | GB                            | GB                            | GB                            | Dossuelo           | ISO 13006 & inso25 |

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ETHICAL,  
SUSTAINABLE  
GROWTH.



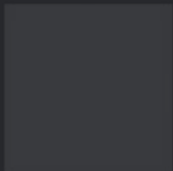


# PACKING SPICIFICATION

| working size           | 80x160  | 100x100   | 60x120   | 60x120 polished | 40x120   | 60x60   | 60x60   | 30x30    | hexagon |
|------------------------|---------|-----------|----------|-----------------|----------|---------|---------|----------|---------|
| thickness              | 10mm    | 10mm      | 12+_5%   | 12.5 mm         | 11.5 mm  | 10.5mm  | 20mm    | 9.5mm    | 9mm     |
| tile per carton        | 1       | 2         | 2        | 2               | 3        | 4       | 2       | 12       | 12      |
| weight of carton       | 34 (kg) | 54 (kg)   | 38 (kg)  | 39 (kg)         | 37 (kg)  | 32(kg)  | 32 (kg) | 21.5(kg) | 20 (kg) |
| dimensions size (mm)   | 800x160 | 1000x1000 | 596x1198 | 597x1198        | 396x1196 | 595x595 | 595x595 | 300x300  | 249x249 |
| carton per pallet      | 45      | 39        | 64       | 60              | 64       | 80      | 72      | 81       | 81      |
| sqm per carton(m2)     | 1.28    | 2         | 1.43     | 1.43            | 1.42     | 1.41    | 0.72    | 1.08     | 1.05    |
| sqm per pallet (m2)    | 57.6    | 78        | 91.52    | 85.8            | 90.9     | 112.8   |         | 87.5     | 85.1    |
| weight of pallet       | 1530    | 2106      | 2432     | 2340            | 2368     | 2560    |         | 1742     | 1620    |
| no of carton in truck  | 630     | 468       |          | 600             | 640      | 760     |         | 1094     | 1175    |
| sqm in truck           | 806.4   | 936       |          | 858             | 908.8    | 1071.6  |         | 1181     | 1233.2  |
| no of pallets in truck | 14      | 12        |          | 10              | 10       | 9.5     |         | 13.5     | 14.5    |
| weigh of truck         | 21,420  | 25,272    |          | 23,400          | 23,680   | 24,320  |         | 23,510   | 23,490  |



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