

GENERAL CATALOGUE **2022**  
*SUMMARY*

# It is *your ceramic*

En Alaplana, tenemos la mirada puesta en el futuro apostando por la calidad, el diseño y la innovación, teniendo siempre presente nuestra responsabilidad social.

Trabajando continuamente con el objetivo de adecuar nuestros productos a la demanda del mercado, mediante procesos de fabricación eficaces y sostenibles que nos permiten mantener nuestro compromiso con la defensa del medio ambiente.

Es por ello que centramos nuestra inversión en las tecnologías más novedosas, con el fin de ofrecer siempre productos de alta gama, actuales y versátiles capaces de dar respuesta a todas las necesidades, usos y espacios.

Con nuestra amplia gama de formatos y acabados, en todas las tipologías de producto logramos convertir la cerámica, un elemento constructivo, en un objeto de diseño con infinitas posibilidades proyectivas.

*In Alaplana, we are looking towards the future by investing on quality, design and innovation but prioritizing our social responsibility.*

*Our main objective is to adapt our product to the current market demand through efficient and sustainable manufacturing processes which let us keep our commitment with the environmental protection.*

*That is why we focus our investment on the latest technologies, to always offer high-end, current, and versatile products capable of responding to all needs, uses and spaces.*

*With our wide range of formats and finishes, in all product typologies we manage to turn ceramic, a constructive element, into a design object with infinite projective possibilities.*



## SIMBOLOGÍA - SYMBOLOGY

**PUL** PORCELÁNICO PULIDO  
POLISHED PORCELAIN

**PP** PORCELÁNICO  
PORCELAIN TILES

**PR** PAVIMENTO PASTA ROJA  
RED BODY FLOOR TILES

**RB** REVESTIMIENTO PASTA BLANCA  
WHITE BODY WALL TILES

**RR** REVESTIMIENTO PASTA ROJA  
RED BODY WALL TILES

 PAVIMENTO  
FLOOR TILES

 REVESTIMIENTO  
WALL TILES

 MATE  
MATT

 BRILLO  
GLOSS

 PULIDO  
POLISHED


 PASTA BLANCA  
WHITE BODY

 PASTA ROJA  
RED BODY

 PORCELÁNICO MASA COLOR  
COLOR BODY PORCELAIN TILES

 MULTI TONO  
MULTI TONE

 ANTI-HIELO  
FROST PROOF

 DIFERENTES GRÁFICAS  
DIFFERENT PRINTINGS

 ESPESORADO  
THICK TILES

 RELIEVE  
RELIEF

**20thick** PORCELÁNICO EXTERIOR  
OUTDOOR PORCELAIN

 STARLIGHT PORCELÁNICO PULIDO  
POLISHED PORCELAIN

 SLIP-STOP

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CHELSEA      TANIS  
CORFU      TENNIC  
DAGOBAB      VALERIA  
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TENNIC







# PORCELÁNICO *PORCELAIN TILES*

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30x150 RC | 12"x60"RC

23x120 RC | 9"x48"RC

23x120 | 9"x48"

15x90 | 6"x36"

120x120 RC | 48"X48" RC

60x120 RC | 24"x48" RC

100x100 RC | 40"x40" RC

75x75 RC | 30"x30" RC

37X75 RC | 15"x30" RC

60x60 RC | 24"x24" RC

60x60 | 24"x24"

45x45 | 18"x18"

30x60 | 12"x24"

20x20 | 8"x8"

30x150 RC | 12"x60"RC

Porcelain Tiles



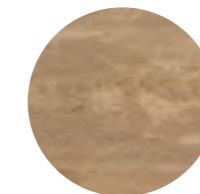
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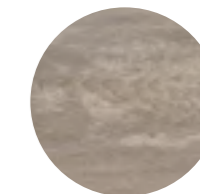
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TAUPE PP2501



GRIS PP2501

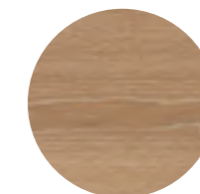
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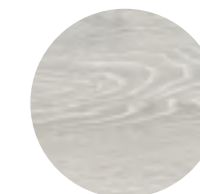
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GRIS PP2502

## LARIX



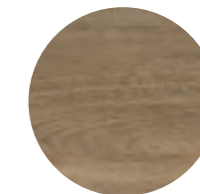
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WENGUE PP2504



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## RIPLEY



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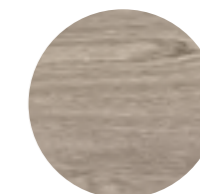
NATURAL PP2502



ROBLE PP2502



WENGUÉ PP2503



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BLANCO PP2501



# 23x120 RC | 9"x48"RC

Porcelain Tiles



## GOA



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## LOMOND



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## MYRCELLA

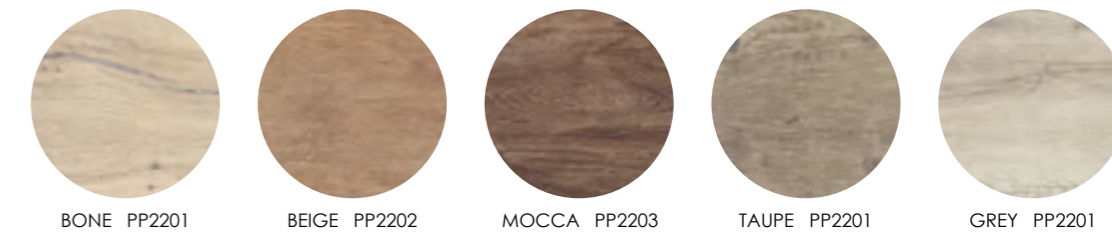
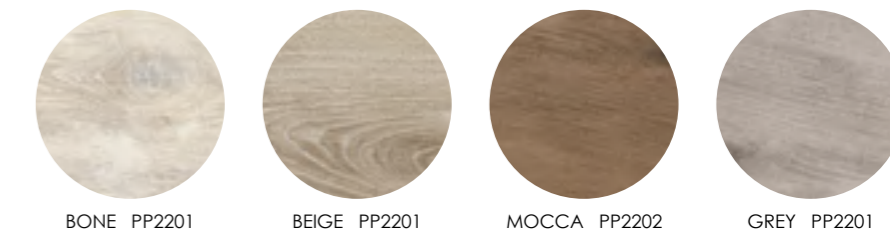
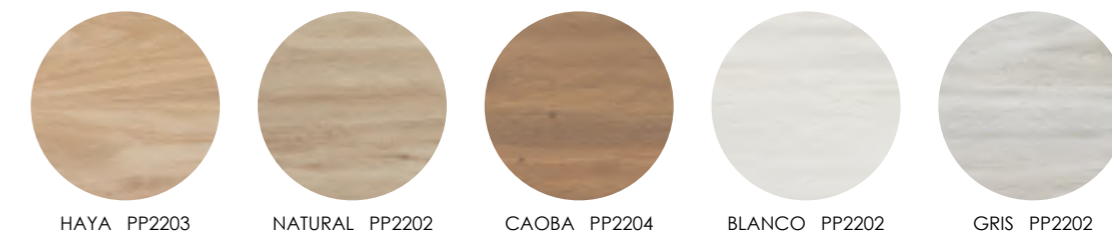
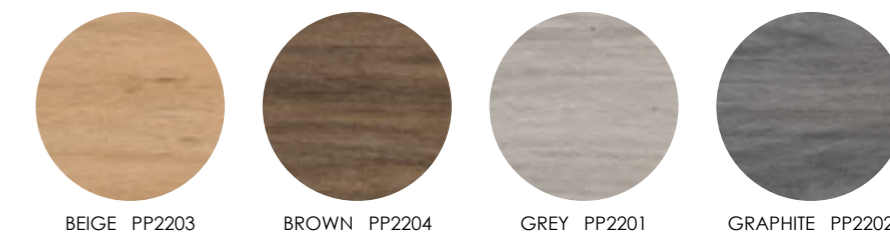
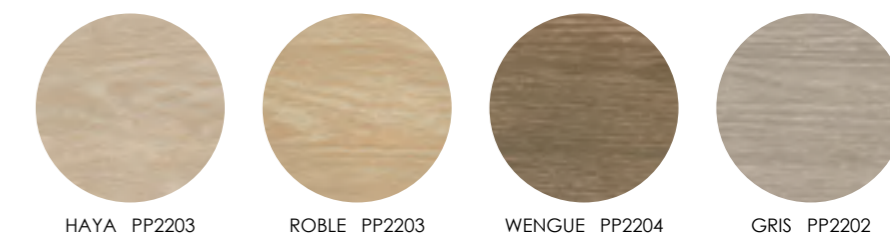
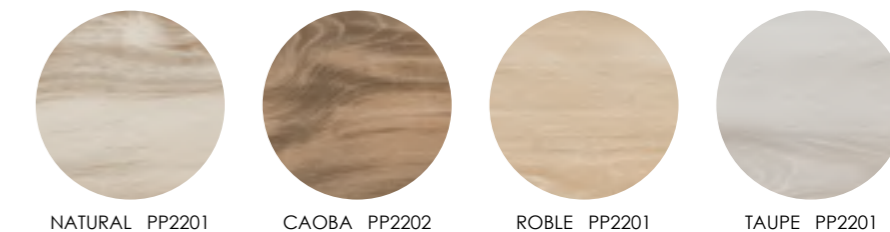


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23x120 | 9"x48"

Porcelain Tiles



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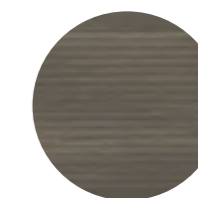


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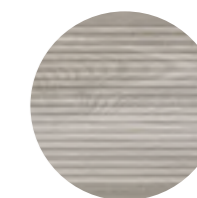
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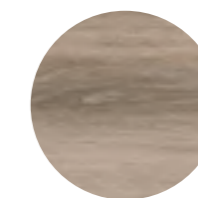
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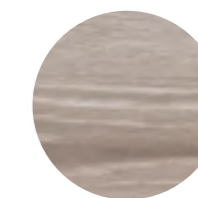
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CREST PP1401



CLIFF PP1402



APEX PP1401



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# ENDOR



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# CASTERLY



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# EVIE



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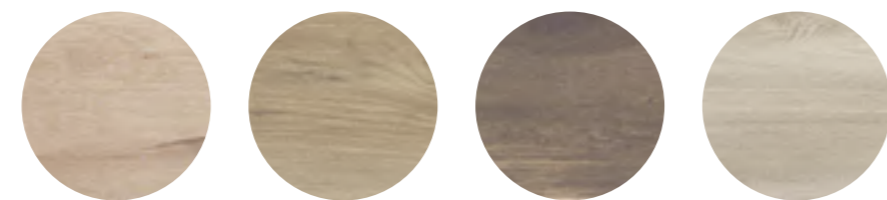


HAYA PP1402 CAOBA PP1403 TAUPE PP1402 BLANCO PP1402

# CLEVELAND



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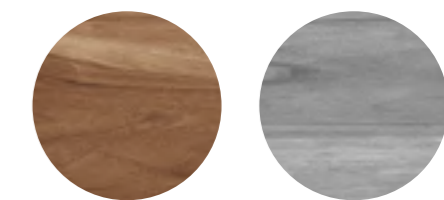


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# DAVOS



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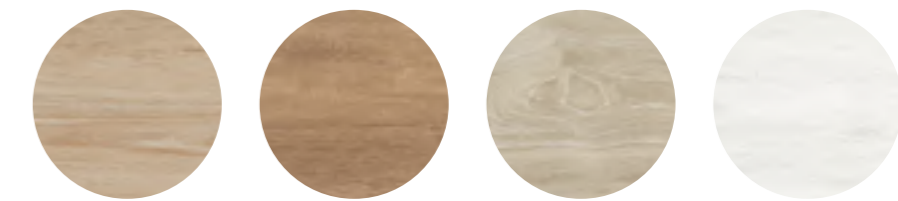


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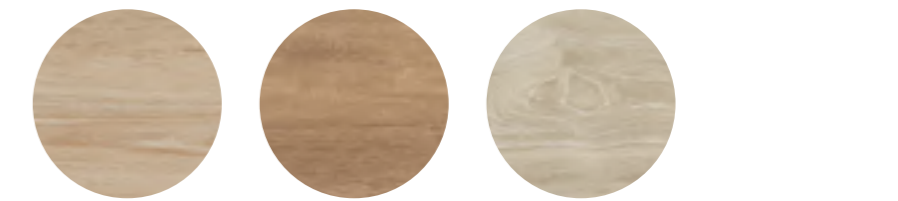


MIX HAYA PP1403 MIX ROBLE PP1403 MIX GRIS PP1402

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15x90 | 6"x36"

Porcelain Tiles



# LAKELAND



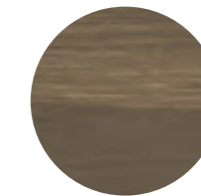
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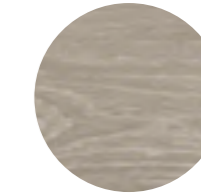
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ROBLE PP1904



WENGUE PP1904



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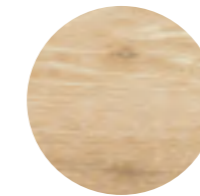


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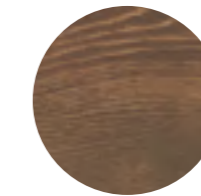
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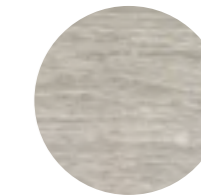
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ROBLE PP1904



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# MOLTEN



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ROBLE PP1903



GRIS PP1901

# DECKARD



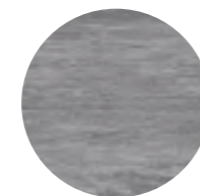
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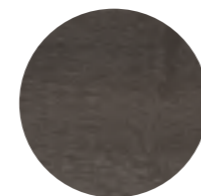
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BLANCO PP1901



GRIS PP1902

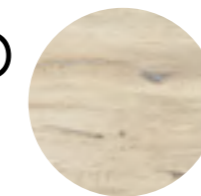


NEGRO PP1902

# OAKLAND



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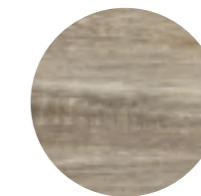
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ANTIC PP1902



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# DENIM



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MOSS PP1902



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GRIS PP1902

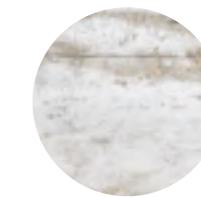
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MOCCA PP1901



TAUPE PP1901



GREY PP1901

120x120 RC | 48"x48" RC

Porcelain Tiles



## CASTLETON



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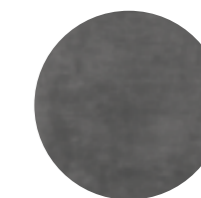
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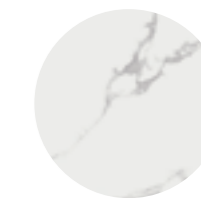
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GRIS PPR503



ANTRACITA PPR505



BLANCO PPR507



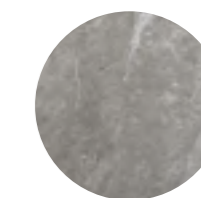
BEIGE PPR502



WHITE PPR502



GREY PPR502



ANTHRACITE PPR503

# 60x120 RC | 24"x48" RC

## Porcelain Tiles



### ALLISON



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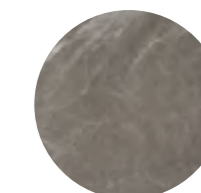
CREMA PP2403



BLANCO PP2402



PERLA PP2402



GRIS PP2404

### AMALFI



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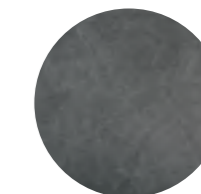
BEIGE PP2402



BLANCO PP2402



GRIS PP2402



ANTRACITA PP2403

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WHITE PP2402



GREY PP2402

### BODO



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BEIGE PP2402



MOCCA PP2403



WHITE PP2402



GREY PP2402

### DALKEY



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BEIGE PP2404



PERLA PP2404



GRIS PP2404

### DUSTIN



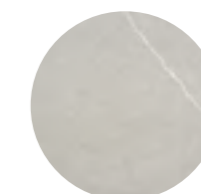
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BEIGE PMC024



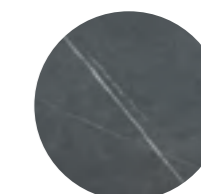
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GRIS PMC124



GRIS OSCURO PMC224

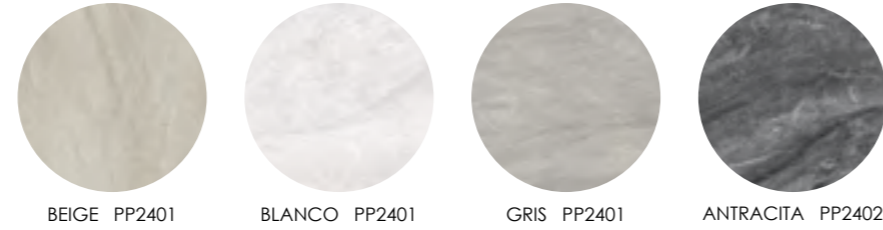


ANTRACITA PMC227

# EREBOR



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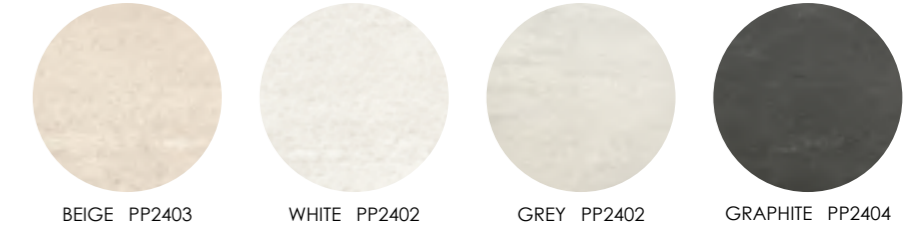


BEIGE PP2401 BLANCO PP2401 GRIS PP2401 ANTRACITA PP2402

# MYSORE



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# HORTON



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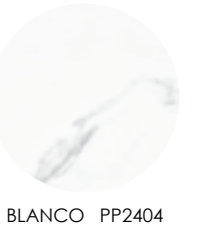


BEIGE PMC021 MOSS PMC121 WHITE PMC021 GREY PMC121 ANTHRACITE PMC224

# PUNE



VOL. II - Pag. 62



BLANCO PP2404

# JOHNSTONE



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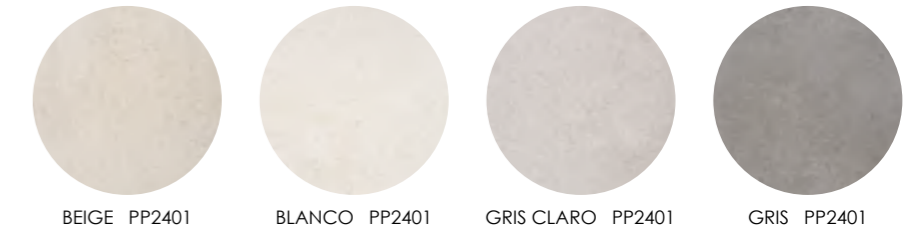


BEIGE PP2401 TAUPE PP2402 WHITE PP2401 GREY PP2401

# RODAS



VOL. I - Pag. 74

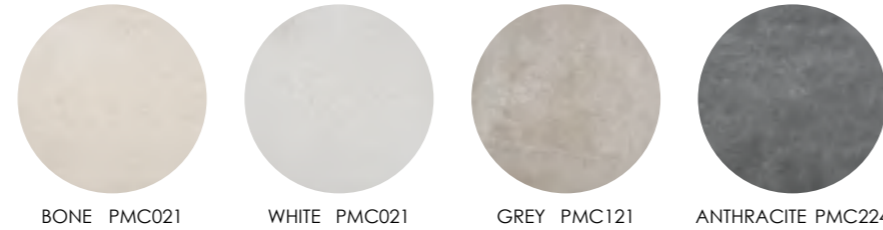


BEIGE PP2401 BLANCO PP2401 GRIS CLARO PP2401 GRIS PP2401

# LARSEN



VOL. I - Pag. 144



BONE PMC021 WHITE PMC021 GREY PMC121 ANTHRACITE PMC224

# ROHE



VOL. I - Pag. 168



CREAM PP2402 SNOW PP2402 PEARL PP2403

# LECCO



VOL. I - Pag. 148

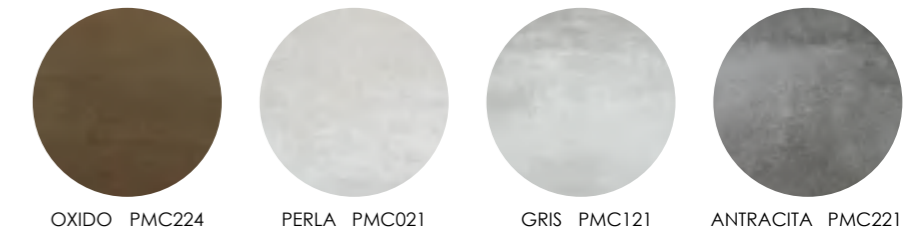


CREMA PP2402 MOCCA PP2403 BLANCO PP2402 GRIS PP2402 GRAFITO PP2402

# RUANO



VOL. I - Pag. 178

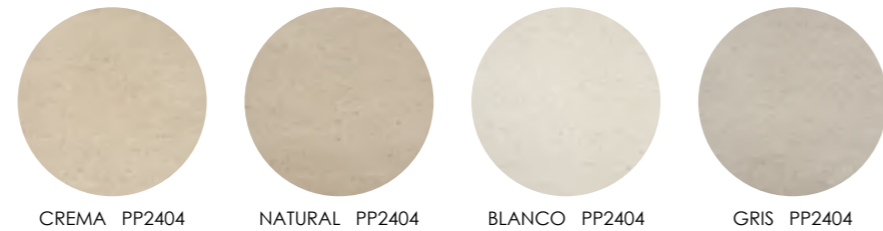


OXIDO PMC224 PERLA PMC021 GRIS PMC121 ANTRACITA PMC221

# MAGNA



VOL. I - Pag. 66

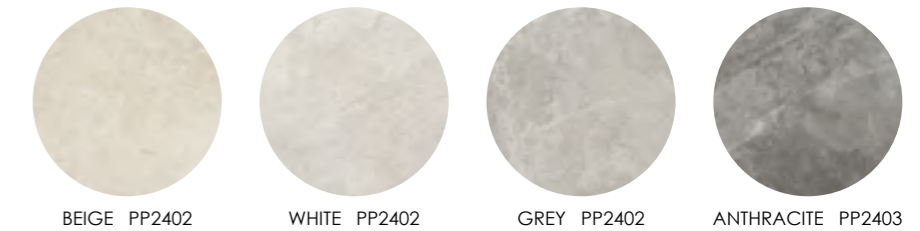


CREMA PP2404 NATURAL PP2404 BLANCO PP2404 GRIS PP2404

# TENBY



VOL. I - Pag. 84



BEIGE PP2402 WHITE PP2402 GREY PP2402 ANTHRACITE PP2403

100x100 RC | 40"x40" RC

Porcelain Tiles



## ALLISON



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## AMALFI



VOL. I - Pag. 14

## ASSEN



VOL. I - Pag. 114

## BODO



VOL. I - Pag. 22

## DALKEY



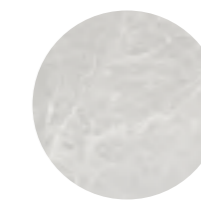
VOL. II - Pag. 42



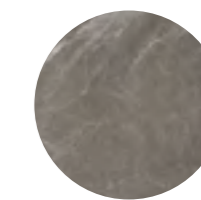
CREMA PP2305



BLANCO PP2304



PERLA PP2304



GRIS PP2306



BEIGE PP2302



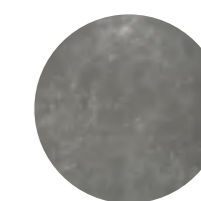
BLANCO PP2302



GRIS PP2302



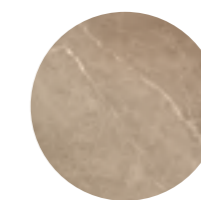
GREY PP2301



GRAPHITE PP2301



BEIGE PP2302



MOCCA PP2303



WHITE PP2302



GREY PP2302



BEIGE PP2304



PERLA PP2304



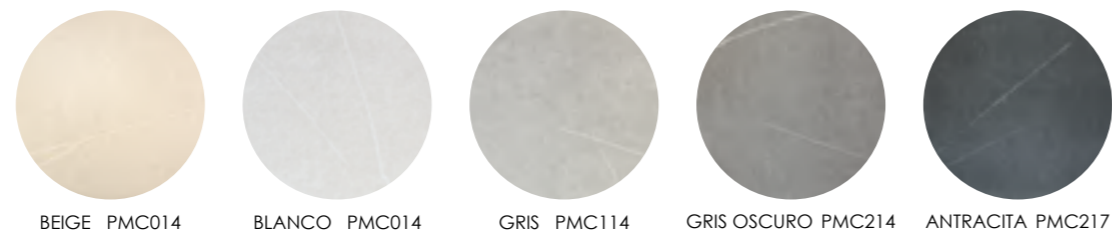
GRIS PP2304



# DUSTIN



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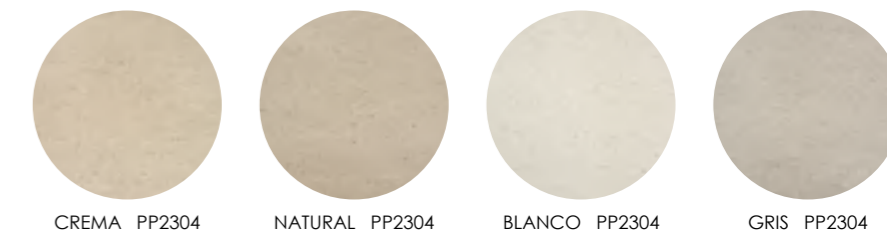


BEIGE PMC014 BLANCO PMC014 GRIS PMC114 GRIS OSCURO PMC214 ANTRACITA PMC217

# MAGNA



VOL. I - Pag. 66



CREMA PP2304 NATURAL PP2304 BLANCO PP2304 GRIS PP2304

# HORTON



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BEIGE PMC011 MOSS PMC111 WHITE PMC011 GREY PMC111 ANTHRACITE PMC214

# MYSORE



VOL. I - Pag. 160



BEIGE PP2303 WHITE PP2302

# JOHNSTONE



VOL. I - Pag. 56

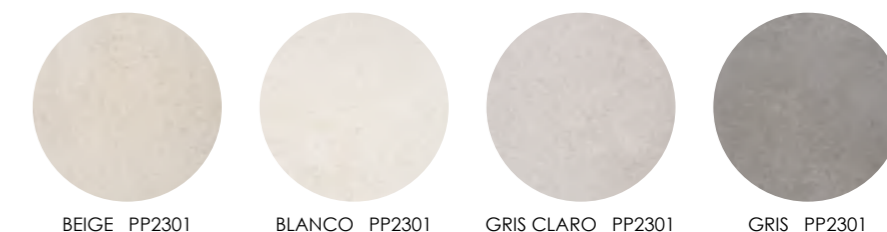


BEIGE PP2301 TAUPE PP2302 WHITE PP2301 GREY PP2301

# RODAS



VOL. I - Pag. 74

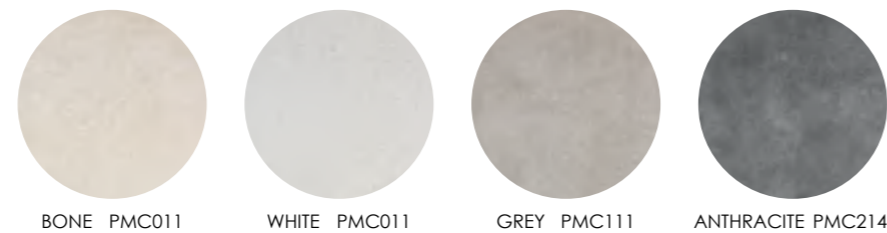


BEIGE PP2301 BLANCO PP2301 GRIS CLARO PP2301 GRIS PP2301

# LARSEN



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BONE PMC011 WHITE PMC011 GREY PMC111 ANTHRACITE PMC214

# ROHE



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CREAM PP2302 SNOW PP2302 PEARL PP2303

# LECCO



VOL. I - Pag. 148

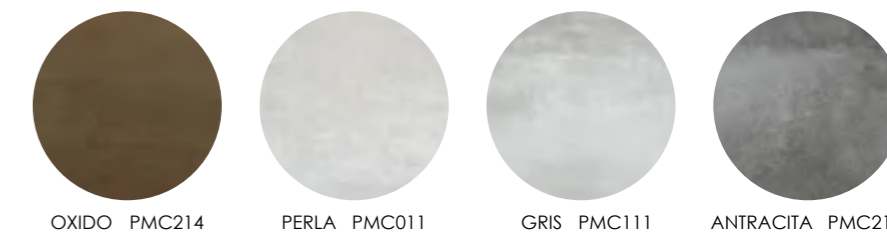


CREMA PP2302 MOCCA PP2303 BLANCO PP2302 GRIS PP2302 GRAFITO PP2302

# RUANO



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OXIDO PMC214 PERLA PMC011 GRIS PMC111 ANTRACITA PMC211

# 75x75 RC | 30"x30"RC

Porcelain Tiles



## DUMBRIC



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## EREBOR



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## LIMERICK



VOL. I - Pag. 158

## VALAR



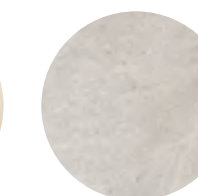
VOL. I - Pag. 96



BONE PPR802



BEIGE PPR802



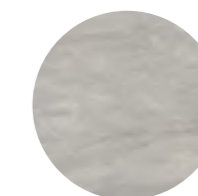
GREY PPR802



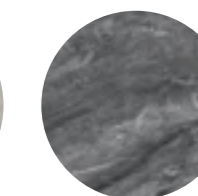
BEIGE PPR801



BLANCO PPR801



GRIS PPR801



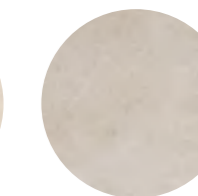
ANTRACITA PPR802



BONE PPR803



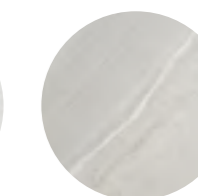
BEIGE PPR803



TAUPE PPR803



WHITE PPR802



GREY PPR803

37x75 RC | 15"x30"RC

Porcelain Tiles



## AMALFI



VOL. I - Pag. 14

## BOWLAND



VOL. I - Pag. 30



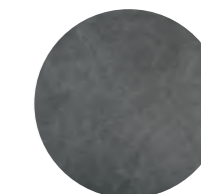
BEIGE PPR302



BLANCO PPR302



GRIS PPR302



ANTRACITA PPR303



BONE PPR302



BEIGE PPR303



WHITE PPR302



GREY PPR302

# 60x60 RC | 24"x24" RC

Porcelain Tiles



## ALLISON



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## AMALFI



VOL. I - Pag. 14

## ASSEN



VOL. I - Pag. 114

## BIBURY

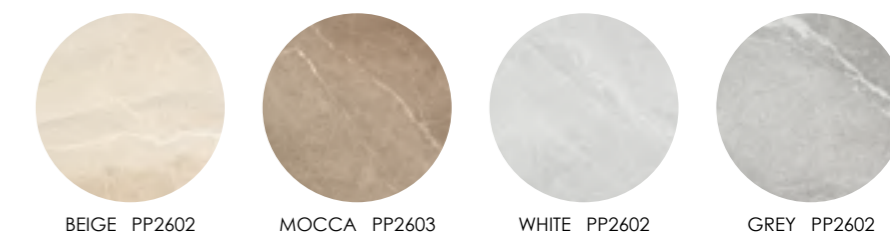
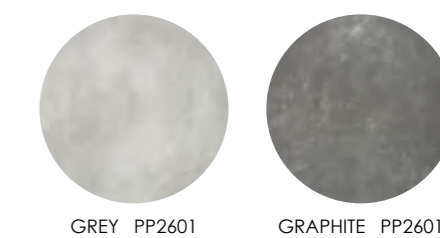
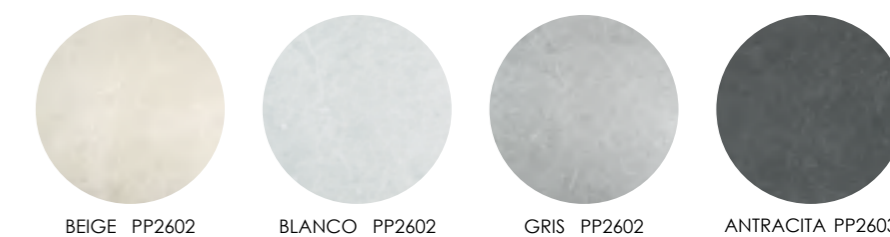
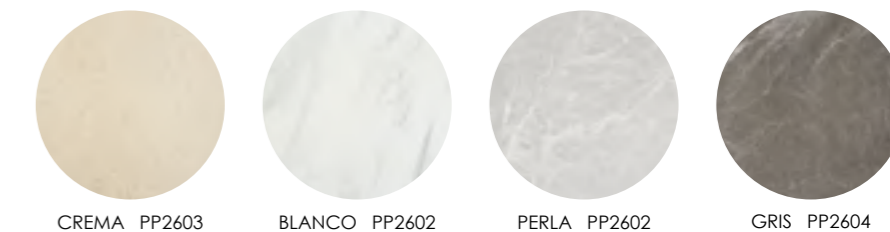


VOL. II - Pag. 26

## BODO



VOL. I - Pag. 22



# CIRON



VOL. I - Pag. 124

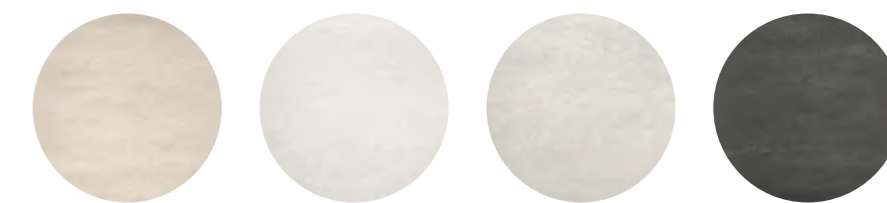


WHITE PP2602 PEARL PP2602 GREY PP2602

# MYSORE



VOL. I - Pag. 160



BEIGE PP2603 WHITE PP2602 GREY PP2602 GRAFITO PP2603

# DUSTIN



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BEIGE PMC034 BLANCO PMC034 GRIS PMC134 GRIS OSCURO PMC234 ANTRACITA PMC237

# PUNE



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BLANCO PP2604

# HORTON



VOL. I - Pag. 140



BEIGE PP2602 MOSS PP2603 WHITE PP2602 GREY PP2602 ANTHRACITE PP2603

# ROHE



VOL. I - Pag. 168

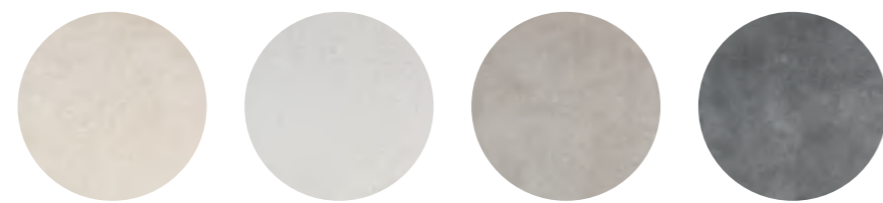


CREAM PP2602 SNOW PP2602 PEARL PP2603

# LARSEN



VOL. I - Pag. 144

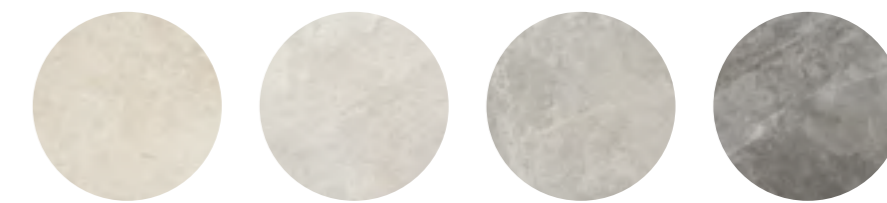


BONE PMC031 WHITE PMC031 GREY PMC131 ANTHRACITE PMC234

# TENBY



VOL. I - Pag. 84



BEIGE PP2602 WHITE PP2602 GREY PP2602 ANTHRACITE PP2603

# LECCO



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CREMA PP2602 MOCCA PP2603 BLANCO PP2602 GRIS PP2602 GRAFITO PP2602

# VALAIS



VOL. I - Pag. 92



BEIGE PP2603 GRIS PP2602 ANTHRACITE PP2604

60x60 | 24"x24"

Porcelain Tiles



## ABERDEEN



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## AMUR



VOL. I - Pag. 102

## ARBAT



VOL. II - Pag. 16

## ARTEC



VOL. I - Pag. 110

## ARTEC Ext.



VOL. I - Pag. 110

## ASSEN



VOL. I - Pag. 114

## CASTLEFORD



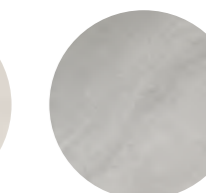
VOL. I - Pag. 36



EARTH PP0701



SNOW PP0701



URBAN PP0701



BEIGE PB0703



SNOW PB0703



CREMA PB0703



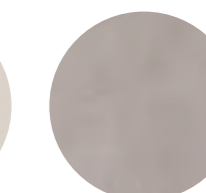
NUEZ PB0704



BEIGE PP0701



SNOW PP0701



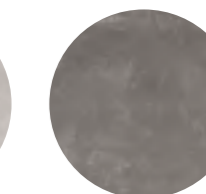
GREY PP0701



GREY PP0702



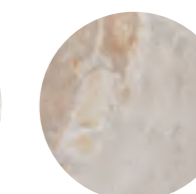
GREY PP0701



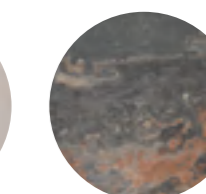
GRAPHITE PP0701



BLANCO PP0702



GRIS PP0702



NATURAL PP0703

# CHELSEA



VOL. II - Pag. 34



BEIGE PB0703

# QUIRO



VOL. I - Pag. 164



BEIGE PP0701



BLANCO PP0701



GRIS PP0701



MARENGO PP0703

# CROISETTE



VOL. I - Pag. 130



BRUME PP0701



DAWN PP0701

# REIMS



VOL. I - Pag. 166



VISON PP0701



GRIS PP0701



MARENGO PP0701

# DICOT



VOL. I - Pag. 44



BEIGE PP0702



BLANCO PP0702



PERLA PP0702



GRIS PP0702



ANTRACITA PP0704

# ROHE



VOL. I - Pag. 170



CREAM PP0702



SNOW PP0702



PEARL PP0703

# MARYLAND



VOL. I - Pag. 72



BEIGE PB0703



GRIS PB0703

# SAINT ANDREWS



VOL. I - Pag. 76



NATURAL PP0703



GRIS PP0702



ANTRACITA PP0704

# ODETTE



VOL. II - Pag. 58



MARFIL PB0703

# TOUCHSTONE



VOL. II - Pag. 70



CREMA PP0703

45x45 | 18"x18"

Porcelain Tiles

# ABERDEEN



VOL. I - Pag. 10

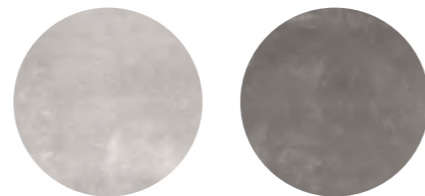


EARTH PP0801 SNOW PP0801 URBAN PP0801

# ASSEN



VOL. I - Pag. 114

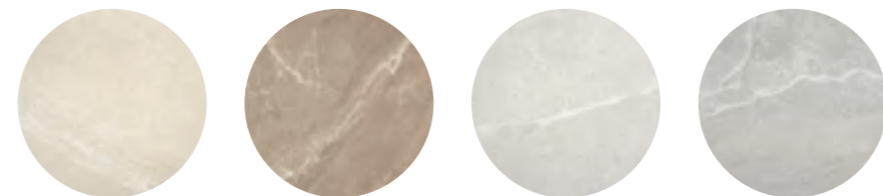


GREY PP0802 GRAPHITE PP0802

# BODO



VOL. I - Pag. 22



BEIGE PP0802 MOCCA PP0803 WHITE PP0802 GREY PP0802

# BOWLAND



VOL. I - Pag. 30



BONE PP0802 BEIGE PP0803 WHITE PP0802 GREY PP0802

# BRAN



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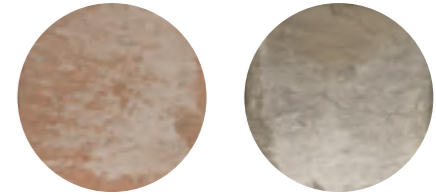


BEIGE PP0801 WHITE PP0801 GREY PP0801

# HARAD



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COTTO PP0802 GREY PP0801

# HORTON



VOL. I - Pag. 140



BEIGE PP0802 MOSS PP0803 WHITE PP0802 GREY PP0802 ANTHRACITE PP0803

# LECCO



VOL. I - Pag. 148



CREMA PP0802 MOCCA PP0803 BLANCO PP0802 GRIS PP0802 GRAFITO PP0802

# REIMS



VOL. I - Pag. 166



VISION PP0801 GRIS PP0801 MARENGO PP0801

# REIMS Ext.



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VISION PP0802 GRIS PP0802 MARENGO PP0802

# SAINT ANDREWS



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NATURAL PP0803 GRIS PP0802 ANTRACITA PP0804



30x60 | 12"x24"

Porcelain Tiles



## ABERDEEN



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## ARRAKIS



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## ASSEN



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## BODO



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## CASTLEFORD



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EARTH PP0601



SNOW PP0601



URBAN PP0601



WHITE PP0601



GREY PP0601



GRAPHITE PP0601



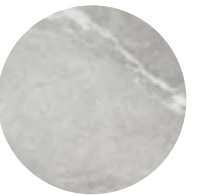
BEIGE PP0602



MOCCA PP0603



WHITE PP0602



GREY PP0602



BLANCO PP0602



GRIS PP0602



NATURAL PP0603

# EREBOR



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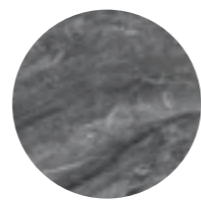
BEIGE PP0601



BLANCO PP0601



GRIS PP0601



ANTRACITA PP0603

# PUNE



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# FRESNO



VOL. I - Pag. 54



BEIGE PP0601



GRIS PP0601

# ROHE



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# HARAD



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COTTO PP0602



GRIS PP0601

# SAINT ANDREWS



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CREAM PP0602



SNOW PP0602



PEARL PP0603

# HORTON



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BEIGE PP0602



MOSS PP0603



WHITE PP0602



GRIS PP0602



ANTHRACITE PP0603

# UTAH



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# LECCO



VOL. I - Pag. 148



CREMA PP0602



MOCCA PP0603



BLANCO PP0602



GRIS PP0602



GRAFITO PP0602

# VALAIS



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BEIGE PP0603



GRIS PP0602



ANTRACITA PP0604



BLANCO PP0602

20x20 | 8"x8"

Porcelain Tiles



## CENTURY Arlon



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## CENTURY Blackpool



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## CENTURY Bristol



VOL. II - Pag. 206

## CENTURY Cork



VOL. II - Pag. 208



ARLON PP2021



BLACKPOOL PP2021



BRISTOL PP2021



CORK PP2022

# CENTURY Dublin



VOL. II - Pag. 210



DUBLIN PP2022

# CENTURY Hessen



VOL. II - Pag. 220



HESSEN PP2021

# CENTURY Flandes



VOL. II - Pag. 220



FLANDES PP2022

# CENTURY London



VOL. II - Pag. 214

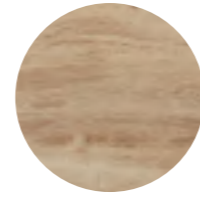


LONDON PP2022

# CENTURY Forest



VOL. II - Pag. 220



FOREST PP2022

# CENTURY Nice



VOL. II - Pag. 216

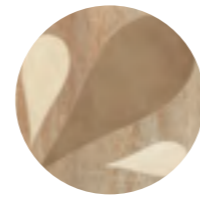


NICE PP2022

# CENTURY Gante



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GANTE PP2023

# CENTURY Toulouse



VOL. II - Pag. 218



TOULOUSE PP2022

# CENTURY Gouda



VOL. II - Pag. 220



GOUDA PP2021

# CENTURY Vienna



VOL. II - Pag. 220



VIENNA PP2021



# GRES FLOOR TILES

---

24x95 | 10"x38"  
20.5x61.5 | 8"x24"  
45x45 | 18"x18"  
33.3x33.3 | 13"x13"

24x95 | 10"x38"

Floor Tiles



## AVON



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## HAWAI



VOL. II - Pag. 126

## LADOGA



VOL. II - Pag. 134

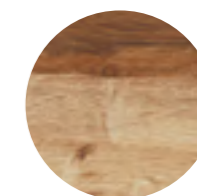
## MERIADOC



VOL. II - Pag. 156



NATURAL PR1001



CAOBA PR1003



GRIS PR1001



BEIGE PR1001



CAOBA PR1001



BEIGE PR1001



TAUPE PR1001



NATURAL PR1001



HAYA PR1001



CAOBA PR1001



GRIS PR1001

20.5x61.5 | 8"x24"

Floor Tiles



# COBI



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ROBLE PR0903

# ENDOR



VOL. II - Pag. 118



BEIGE PR0903



BLANCO PR0901

# MADDEN



VOL. II - Pag. 150



MIEL PR0901



GRIS PR0901

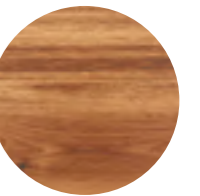
# MIRANDELA



VOL. II - Pag. 158



ROBLE PR0903



CAOBA PR0904

# MYRCELLA



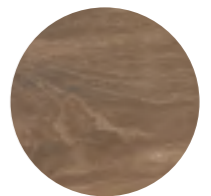
VOL. II - Pag. 164



BONE PR0901



BEIGE PR0901



MOCCA PR0901



GREY PR0901

# NICOLE



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BEIGE PR0903



ARCE PR0901

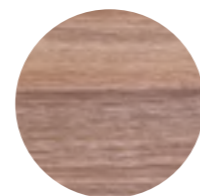


GRIS PR0903

# ARIZONA



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ARIZONA PR0904

# STAUS



VOL. I - Pag. 224



BEIGE PR0902



WHITE PR0902



GREY PR0902



BLACK PR0902

45x45 | 18"x18"

Floor Tiles

# ADUA



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# AMUR



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# ANDUIN



VOL. I - Pag. 106

# BAYAZ



VOL. I - Pag. 18

# BELCAIRE



VOL. II - Pag. 22

# CAVAN



VOL. II - Pag. 30

# CHELSEA



VOL. II - Pag. 36

# CORFU



VOL. II - Pag. 40

# DAGOBAH



VOL. I - Pag. 40

# DEVAN



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# DONNA



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CREMA PR0501



CALACATTA PR0504



BEIGE PR0502



CORAL PR0502



GRIS PR0502



CREMA PR0502



BEIGE PR0501



SNOW PR0501



BLANCO PR0502



MARFIL PR0502



CREMA PR0503



GRIS PR0502



BEIGE PR0502



GRIS PR0502



BEIGE PR0502



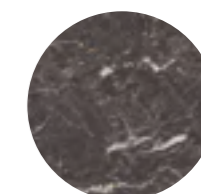
BLANCO PR0502



GRIS PR0502



BLANCO PR0502



NEGRO PR0503



# DORIA



VOL. II - Pag. 50



CREMA PR0501

# SOFIA



VOL. II - Pag. 178



● HAYA PR0501



+ ROBLE PR0502

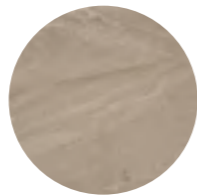
# JOHNSTONE



VOL. I - Pag. 58



BEIGE PR0502



TAUPE PR0502



WHITE PR0502



GREY PR0502

# TANIS



VOL. I - Pag. 180



BEIGE PR0502

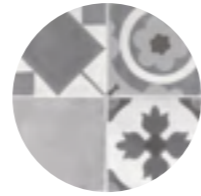


GRIS PR0502

# LATINA



VOL. II - Pag. 222



GRIS PR0503

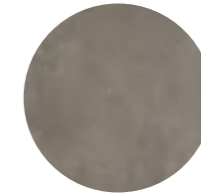
# TENNIC



VOL. I - Pag. 184



BEIGE PR0501



MARRON PR0502



GRIS PR0501



GRAFITO PR0502

# LUXOR



VOL. II - Pag. 54



CREMA PR0503



BEIGE PR0503



PERLA PR0503



GRIS PR0503

# VALERIA



VOL. II - Pag. 72



CREMA PR0501

# ODETTE



VOL. II - Pag. 60



MARFIL PR0501

# VELETA



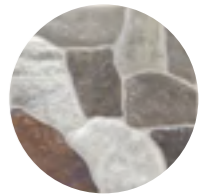
VOL. II - Pag. 226



BEIGE PR0503



CALDERA PR0503



GRIS PR0503

# ROSLYN



VOL. I - Pag. 176



CREMA PR0501



GRIS PR0501

# VINCE



VOL. II - Pag. 74



CREMA PR0503



BLANCO PR0503

# SIENA



VOL. II - Pag. 68



CREMA PR0502

# YEMINA



VOL. II - Pag. 78



CREMA PR0502

33.3x33.3 | 13"x13"

Floor Tiles

# BASIC



VOL. II - Pag. 190

# CARTUJA



VOL. I - Pag. 194

# CASTELO



VOL. I - Pag. 196

# CEDEIRA



VOL. I - Pag. 198

# DELOS



VOL. II - Pag. 192

# JAVALAMBRE



VOL. I - Pag. 212

# LANGREO



VOL. I - Pag. 214

# LECCO



VOL. I - Pag. 150

# MAROMA



VOL. I - Pag. 216

# MONTEGO



VOL. I - Pag. 218

# REBECO



VOL. I - Pag. 220

# SEUL



VOL. I - Pag. 222



BEIGE PR2202

CALDERA PR2203

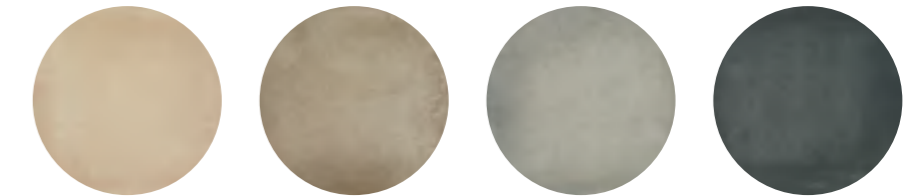
GRIS PR2201



BEIGE PR1310

CALDERA PR1310

GRIS PR1310



BEIGE PR2201

MOCCA PR2201

GRIS PR2201

GRAFITO PR2201



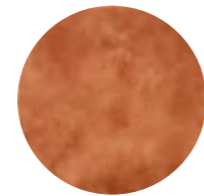
BLANCO PR1311



CARTUJA PR1311



BEIGE PR1310



TELHA PR1310



CINZA PR1310



BLANCO PR2202



NEGRO PR2202



BEIGE PR1310



COTTO PR1311



NATURAL PR2201



BEIGE PR2202



COTTO PR2202



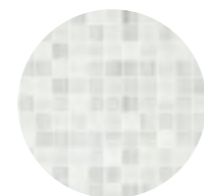
PIZARRA PR2202



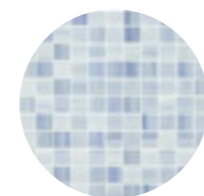
BEIGE PR1313



BLANCO PR1313



GRIS PR1313



AZUL PR1313



GRIS PR1311



# PASTA BLANCA *WHITE BODY*

---

40x120 | 16"x48"

33.3x90 | 13"x40"

40x120 | 16"x48"

White Body Wall Tiles



### ASPEN



VOL. II - Pag. 186



BLANCO RB2113



BLANCO MOSAIC RB2114

### CIRON



VOL. I - Pag. 126



WHITE RB2113



WHITE MOSAIC RB2116



PEARL RB2113



PEARL MOSAIC RB2116



GREY RB2113



GREY MOSAIC RB2116

### LARSEN



VOL. I - Pag. 146



BONE RB2111



BONE MOSAIC RB2113



WHITE RB2111



WHITE MOSAIC RB2113



GREY RB2111



GREY MOSAIC RB2113

### MAGNA



VOL. I - Pag. 68



CREMA RB2115



CREMA MOSAIC RB2118



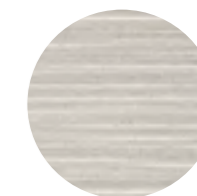
BLANCO RB2115



BLANCO MOSAIC RB2118



GRIS RB2115



GRIS MOSAIC RB2118

### TENBY



VOL. I - Pag. 86



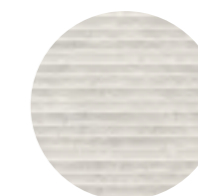
BEIGE RB2111



BEIGE MOSAIC RB2113



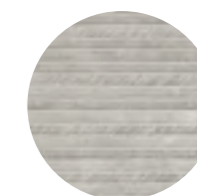
WHITE RB2111



WHITE MOSAIC RB2113



GREY RB2111



GREY MOSAIC RB2113

# 33.3x90 RC | 13"x36"RC

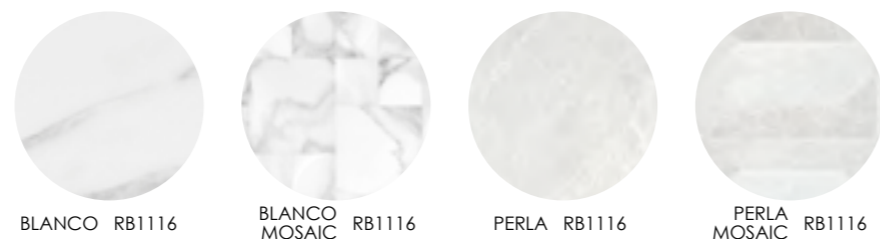
## White Body Wall Tiles



### ALLISON



VOL. II - Pag. 14



### AMALFI



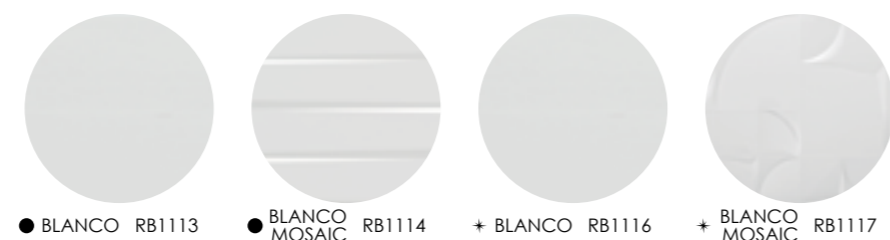
VOL. I - Pag. 16



### ASPEN



VOL. II - Pag. 186



### BIBURY



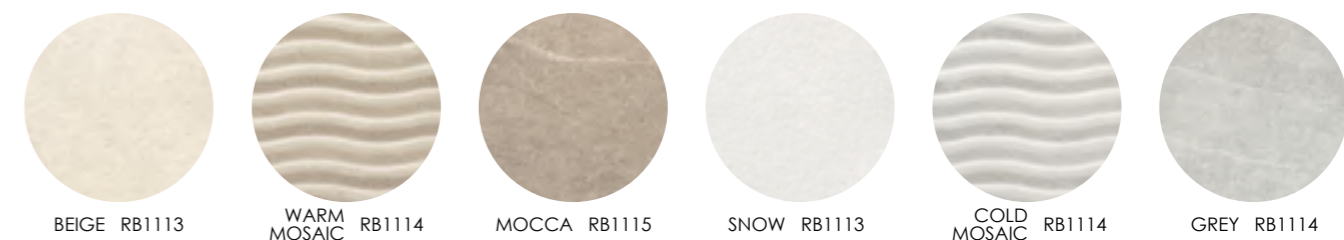
VOL. II - Pag. 28



### BODO



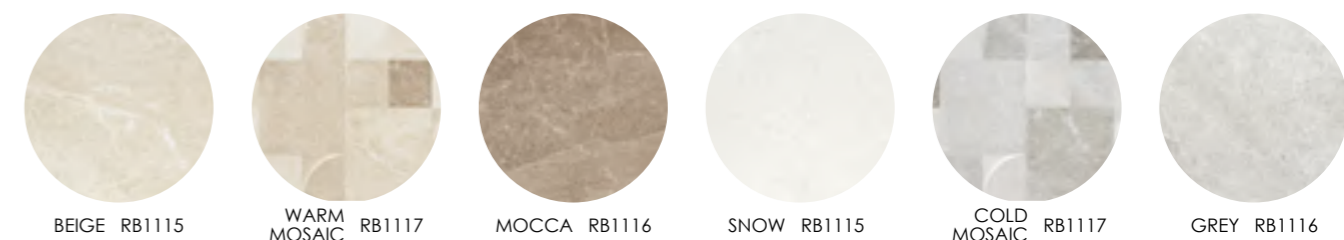
VOL. I - Pag. 24



### BODO



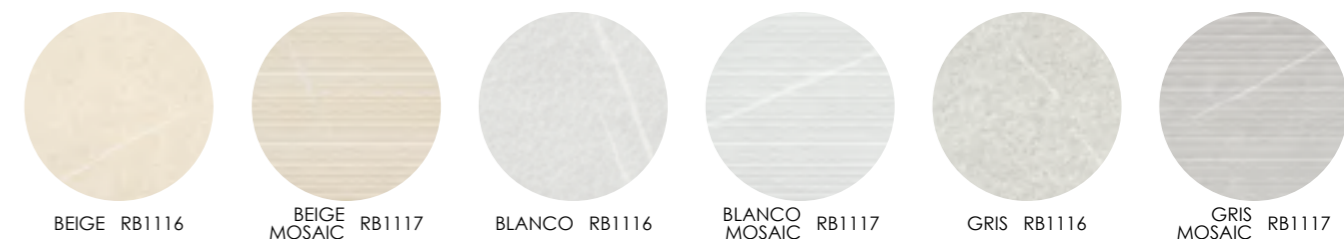
VOL. I - Pag. 24



### DUSTIN



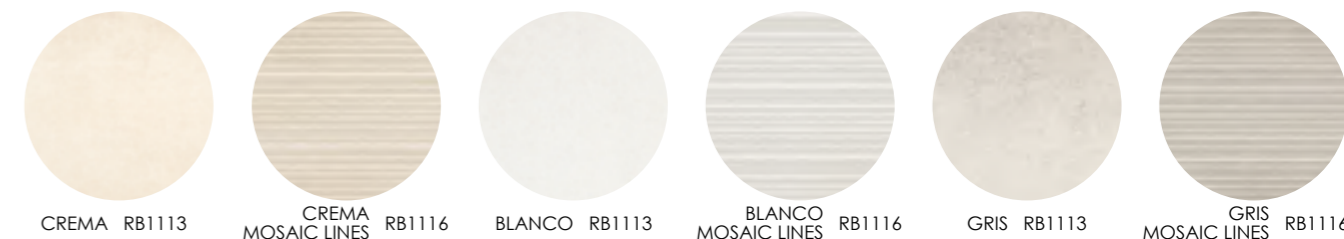
VOL. I - Pag. 50



### LECCO



VOL. I - Pag. 152



### ROHE



VOL. I - Pag. 172



### TAPISO



VOL. II - Pag. 180





# PASTA ROJA *RED BODY*

---

33.3x100		13"x40"
30x60		12"x24"
25x75		10"x30"
25x50		10"x20"
25x40		10"x16"
20x60		8"x24"

33.3x100 | 13"x40"

Red Body Wall Tiles



## ASPEN



VOL. II - Pag. 188

## DEVAN



VOL. I - Pag. 134

## PUNE



VOL. II - Pag. 64



30x60 | 12"x24"

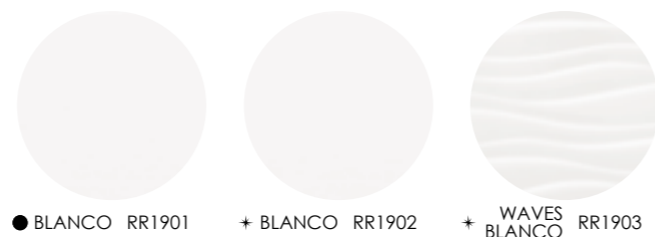
Red Body Wall Tiles



## ASPEN



VOL. II - Pag. 188

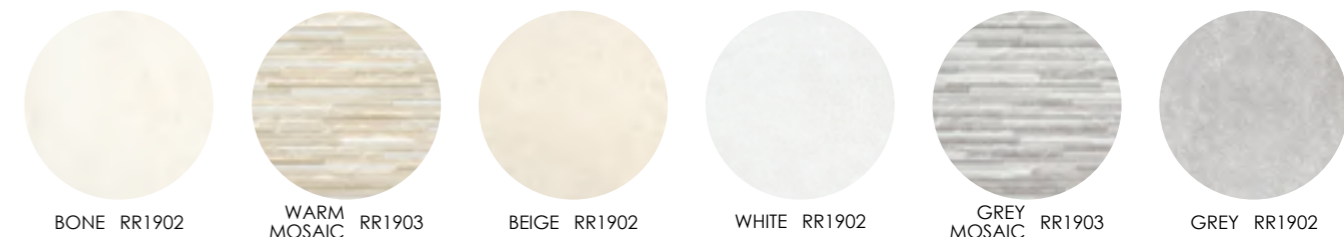


● BLANCO RR1901 + BLANCO RR1902 + WAVES BLANCO RR1903

## CIRON



VOL. I - Pag. 128



BONE RR1902 WARM MOSAIC RR1903 BEIGE RR1902 WHITE RR1902 GREY MOSAIC RR1903 GREY RR1902

## IRVINE



VOL. II - Pag. 52



MARFIL RR1902 MARFIL MOSAIC RR1903 BLANCO RR1902 BLANCO MOSAIC RR1903 GRIS RR1902 GRIS MOSAIC RR1903

## JOHNSTONE



VOL. I - Pag. 60

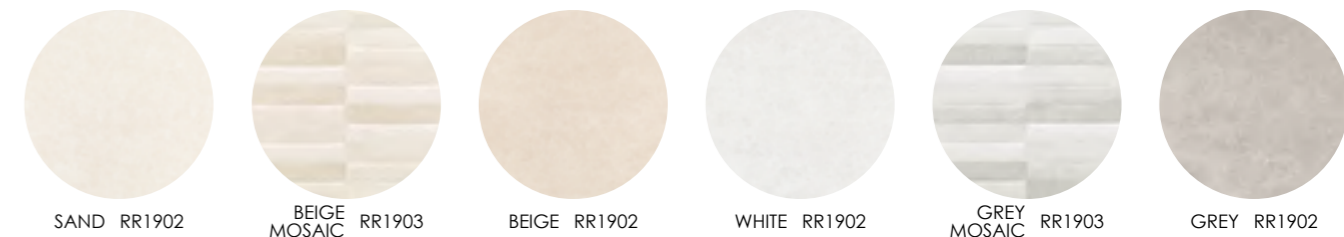


BEIGE RR1902 BEIGE MOSAIC RR1904 WHITE RR1902 WHITE MOSAIC RR1904 GREY RR1902 GREY MOSAIC RR1904

## LEEDS



VOL. I - Pag. 156

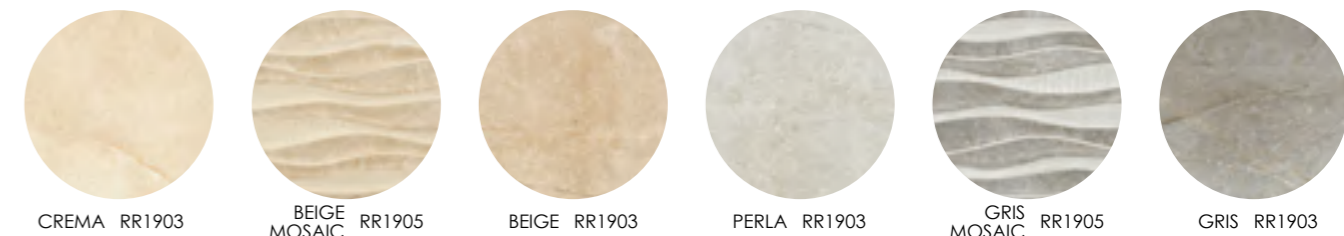


SAND RR1902 BEIGE MOSAIC RR1903 BEIGE RR1902 WHITE RR1902 GREY MOSAIC RR1903 GREY RR1902

## LUXOR



VOL. II - Pag. 56



CREMA RR1903 BEIGE MOSAIC RR1905 BEIGE RR1903 PERLA RR1903 GRIS MOSAIC RR1905 GRIS RR1903

## PUNE



VOL. II - Pag. 64



BLANCO RR1904 CUADROS MOSAIC RR1904

## VALPARAISO



VOL. I - Pag. 98



SAND RR1902 BEIGE MOSAIC RR1903 BEIGE RR1902 WHITE RR1902 GREY MOSAIC RR1902 GREY RR1902



25x75 | 10"x30"

Red Body Wall Tiles



## ANDUIN



VOL. I - Pag. 108



BLANCO RR0304



MOSAIC RR0304



GRIS RR0304

## ASPEN



VOL. II - Pag. 188



● BLANCO RR0301



+ BLANCO RR0301

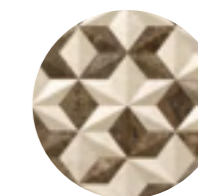
## BELCAIRE



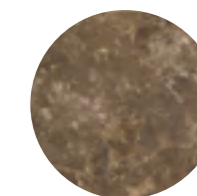
VOL. II - Pag. 24



CREMA RR0301



DORIA MOSAIC RR0303



MARRON RR0302

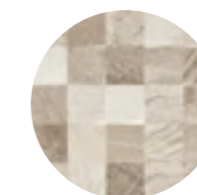
## JOHNSTONE



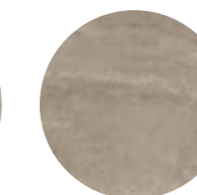
VOL. I - Pag. 62



BEIGE RR0303



TAUPE MOSAIC RR0303



TAUPE RR0303



WHITE RR0303



GREY MOSAIC RR0303



GREY RR0303

## STILO



VOL. II - Pag. 200



BLANCO RR0301

## VINCE



VOL. II - Pag. 76



CREMA RR0304



CREMA MOSAIC RR0306



BLANCO RR0304



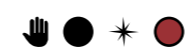
BLANCO MOSAIC RR0305

25x50 | 10"x20"

Red Body Wall Tiles



### ASPEN



VOL. II - Pag. 188

### ARTEC



VOL. I - Pag. 112

### AURAY



VOL. I - Pag. 190

### BAYAZ



VOL. I - Pag. 20

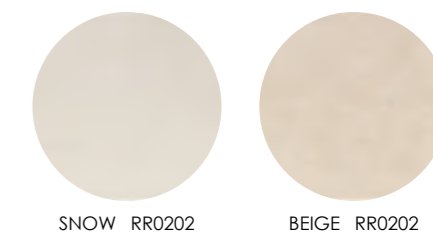
### BEE



VOL. II - Pag. 20



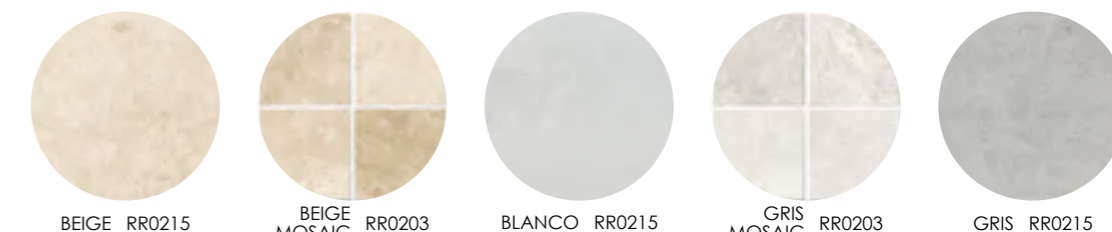
● BLANCO RR0201 + BLANCO RR0201



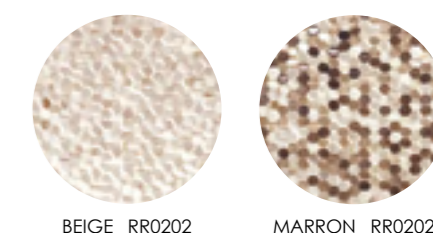
SNOW RR0202 BEIGE RR0202



MARRON RR0204 MIX RR0203 GRIS RR0203



BEIGE RR0215 BEIGE MOSAIC RR0203 BLANCO RR0215 GRIS MOSAIC RR0203 GRIS RR0215



BEIGE RR0202 MARRON RR0202

# BERA



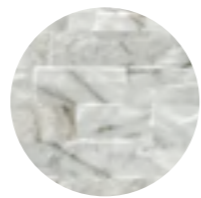
VOL. I - Pag. 192



BEIGE RR0203



CALIZA RR0204



BLANCO RR0203



GRIS RR0203

# FLANDES



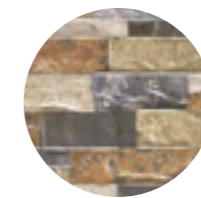
VOL. I - Pag. 208



BEIGE RR0203



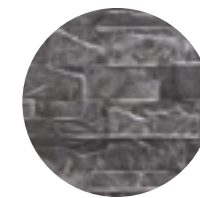
CALDERA RR0204



CALIZA RR0204



BLANCO RR0203



ANTRACITA RR0203

# BODO



VOL. I - Pag. 26



BEIGE RR0202



BEIGE MOSAIC RR0204



WHITE RR0202



WHITE MOSAIC RR0204



GREY RR0202

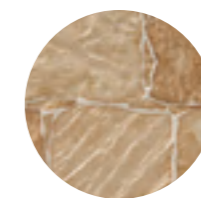


GREY MOSAIC RR0204

# IKUTU



VOL. I - Pag. 210



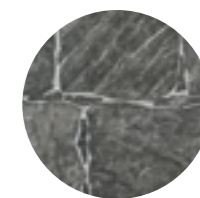
BEIGE RR0215



CALIZA RR0203



GRIS RR0215



ANTRACITA RR0215

# DAUCO



VOL. I - Pag. 200



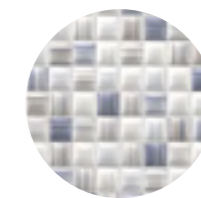
COTTO RR0202



MADERA RR0202



PIZARRA RR0202



BLUE RR0202



BROWN RR0202

# DORNE



VOL. I - Pag. 204



BEIGE RR0203



MADERA RR0203

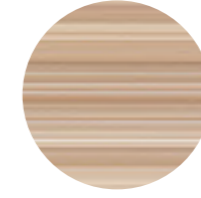


MARMOL RR0203

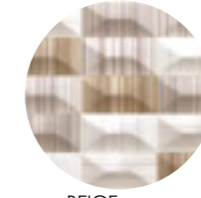
# NEVICA



VOL. II - Pag. 198



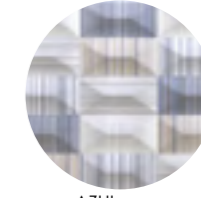
BEIGE RR0202



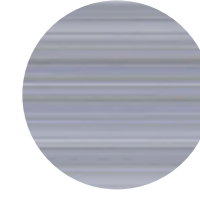
BEIGE MOSAIC RR0202



NATURAL RR0202



AZUL MOSAIC RR0202



AZUL RR0202

# FINLAY



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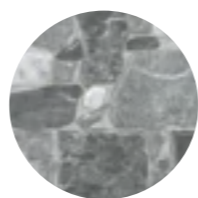
BEIGE RR0203



MARRON RR0204



PERLA RR0203



GRIS RR0203

# YEMINA



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CREMA RR0202



MOSAIC RR0202

25x40 | 10"x16"

Red Body Wall Tiles



### ASPEN



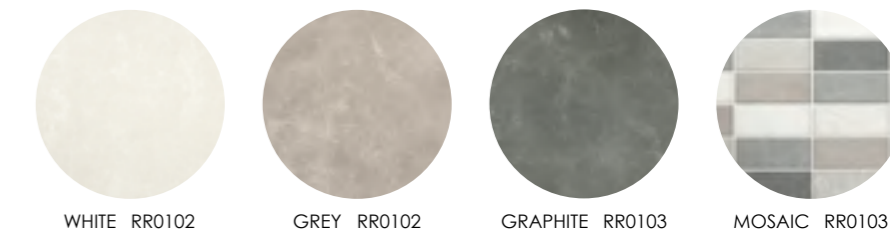
VOL. II - Pag. 188



### ASSEN



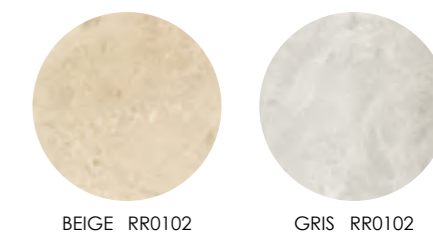
VOL. I - Pag. 116



### CHELSEA



VOL. II - Pag. 38



### DINAMO



VOL. I - Pag. 202



### PUNE



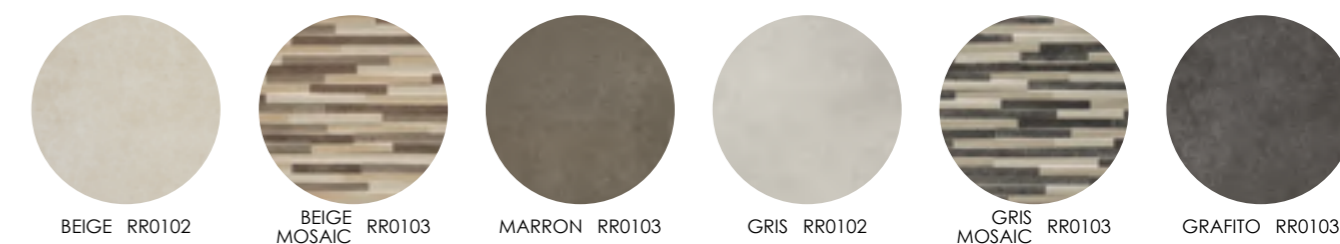
VOL. II - Pag. 64



### TENNIC



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20x60 | 8"x24"

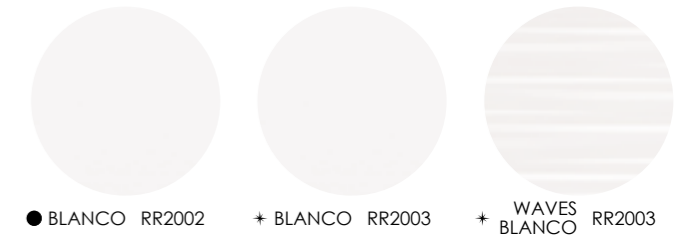
Red Body Wall Tiles



# ASPEN



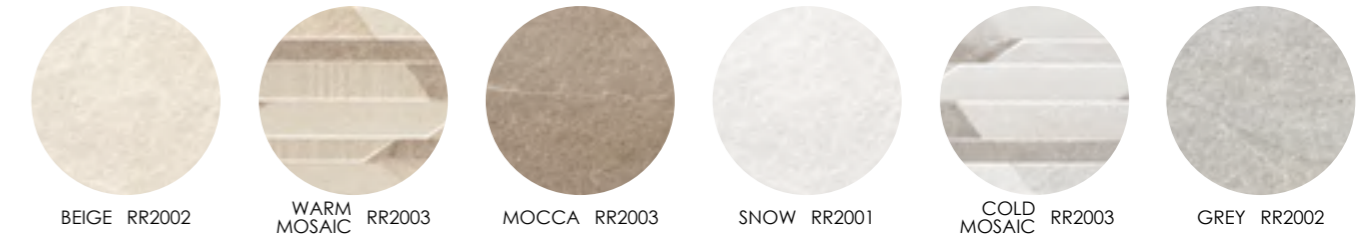
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# BODO



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# BOWLAND



VOL. I - Pag. 32



# CAVAN



VOL. II - Pag. 32



# DAGOBAAH



VOL. I - Pag. 42



# ROHE



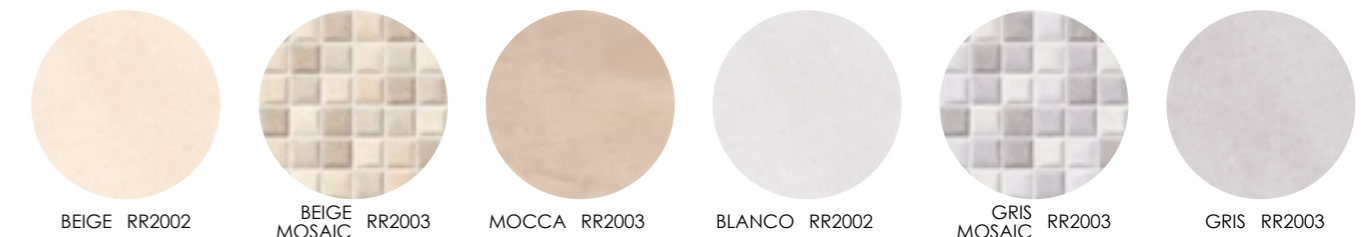
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# TANIS



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ÁREA TÉCNICA

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*TECHNICAL AREA*

ENSAYO TEST	NORMA REGULATION	GRUPO Bia Pavimento Porcelánico Esmaltado Glazed porcelain tiles	GRUPO Bib Pavimento Gres Espesorado y Porcelánico AB Glazed thick floor tiles and Porcelain AB	GRUPO BIIa Pavimento Gres Gres floor tiles	GRUPO BIII Revestimiento Wall tiles	
Absorción de agua Water absorption	UNE-EN-ISO 10545-3	Ev ≤ 0,5%	0,5% < Ev ≤ 3%	3% < Ev ≤ 6%	Ev > 10%	
Fuerza de rotura Breaking strength	UNE-EN-ISO 10545-4	≥ 1300 N	≥ 1100 N	≥ 1000 N	≥ 600 N	
Resistencia a la flexión Modulus of rupture	UNE-EN-ISO 10545-4	≥ 35 N/mm <sup>2</sup>	≥ 30 N/mm <sup>2</sup>	≥ 22 N/mm <sup>2</sup>	≥ 12 N/mm <sup>2</sup>	
Abrasión superficial Surface abrasion	UNE-EN-ISO 10545-7	Consultar ficha técnica Consult technical sheet	Consultar ficha técnica Consult technical sheet	Consultar ficha técnica Consult technical sheet	-	
Resistencia al cuarteo Crazing resistance	UNE-EN-ISO 10545-11	Requerido Requested	Requerido Requested	Requerido Requested	Requerido Requested	
Resistencia a la helada Frost resistance	UNE-EN-ISO 10545-12	Requerido Requested	Requerido Requested	-	-	
Resistencia química / Chemical resistance	Productos domésticos y de piscina Household chemicals and swimming pools salts	UNE-EN-ISO 10545-13	Mínimo clase B Minimum class B	Mínimo clase B Minimum class B	Mínimo clase B Minimum class B	Mínimo clase B Minimum class B
	Ácidos a baja concentración Low concentration of acids	UNE-EN-ISO 10545-13	Mínimo clase LB Minimum class LB	Mínimo clase LB Minimum class LB	Mínimo clase LB Minimum class LB	Mínimo clase LB Minimum class LB
	Bases a baja concentración Low concentration of alkalis.	UNE-EN-ISO 10545-13	Mínimo clase LB Minimum class LB	Mínimo clase LB Minimum class LB	Mínimo clase LB Minimum class LB	Mínimo clase LB Minimum class LB
Resistencia a las manchas Resistance to stains	UNE-EN-ISO 10545-14	Mínimo clase 3 Minimum class 3	Mínimo clase 3 Minimum class 3	Mínimo clase 3 Minimum class 3	Mínimo clase 3 Minimum class 3	

El CTE (Código Técnico de la Edificación) es el marco normativo que establece las exigencias que deben cumplir los edificios en relación con los requisitos básicos de seguridad y habitabilidad establecidos en la Ley de Ordenación de la Edificación (LOE). El término Resbaladicidad fue introducido por el CTE en sus Documentos Básicos del año 2006, recientemente actualizado al DB-SUA (Documento básico de Seguridad de Utilización y Accesibilidad), parte 1 (Seguridad ante el riesgo de caídas). Para saber si un suelo es adecuado a la normativa en cuestiones de Resbaladicidad debemos tener en cuenta los siguientes ensayos.

The CTE (Technical Building Code) is the regulatory framework that establishes the requirements that buildings must meet in relation to the basic safety and habitability requirements set out in the Law on Building Regulations (LOE). The term Slipperiness was introduced by the CTE in its Basic Documents of 2006, recently updated to DB-SUA (Basic Document on Safety in Use and Accessibility), part 1 (Safety against the risk of falls). To find out whether a floor is suitable for the Slipperiness standard, the following tests must be taken into account.

### UNE 41901 EX

Superficies para tránsito peatonal. Determinación de la resistencia al deslizamiento por el método del péndulo de fricción. Ensayo en húmedo.

Surfaces for pedestrian transit. Determination of the slip resistance by pendulum friction method. Wet test.

RESISTENCIA AL DESLIZAMIENTO (Rd) NON-SLIP RESISTANCE (Rd)	CLASE CLASS
Rd ≤ 15	0
15 < Rd ≤ 35	1
35 < Rd ≤ 45	2
Rd > 45	3

Clase mínima exigida a los suelos en función de su localización.  
Minimum class required for flooring depending on its location.

### UNE 41902 EX

Superficies para tránsito peatonal. Determinación de la resistencia al deslizamiento por el método del péndulo de fricción. Ensayo en seco.

Surfaces for pedestrian transit. Determination of the slip resistance by pendulum friction method. Dry test.

### DIN 51130:2014-5

Esta norma evalúa la resistencia al deslizamiento en pavimentos donde existe el riesgo de presencia de sustancias que favorecen el resbalamiento con tránsito calzado. Sobre plano inclinado con ángulo variable impregnado por un agente lubricante. Mide el ángulo inclinado que permite estar de pie con seguridad con un calzado estandarizado. Según los grados la cerámica recibe las denominaciones desde la R 9 hasta la R 13.

This standard evaluates the slip resistance on pavements where there is a risk of the presence of substances that favour slipping with foot traffic. On an inclined plane with a variable angle impregnated with a lubricating agent. It measures the inclined angle that allows safe standing with standardised footwear. Depending on the grade, the ceramic is called R 9 to R 13.

ÁNGULOS DE ACEPTANCIA MEDIOS CORREGIDOS (α <sub>TOT</sub> ) CORRECTED AVERAGE ACCEPTANCE ANGLES (α <sub>TOT</sub> )	CLASE DE RESISTENCIA AL DESLIZAMIENTO SLIP RESISTANCE CLASS
Normal / Normal: 6° ≤ α <sub>TOT</sub> ≤ 10°	R9
Media / Medium: 10° < α <sub>TOT</sub> ≤ 19°	R10
Alta / High: 19° < α <sub>TOT</sub> ≤ 27°	R11
Fuerte / Strong: 27° < α <sub>TOT</sub> ≤ 35°	R12
Muy fuerte / Very strong: 35° < α <sub>TOT</sub>	R13

**DIN 51097**

Esta norma evalúa la resistencia al deslizamiento en pavimentos donde existe el riesgo de presencia de sustancias que favorecen el resbalamiento con tránsito descalzo.

Sobre plano inclinado impregnado por una solución jabonosa. Mide el ángulo de inclinación que permite estar de pie con seguridad con el pie descalzo.

Según los grados la cerámica recibe las denominaciones Clase A, B y C

*This standard evaluates the slip resistance on pavements where there is a risk of the presence of substances that favour slipperiness with barefoot traffic.*

*On an inclined surface impregnated with a soap solution. It measures the angle of inclination that allows safe standing with bare feet.*

*Depending on the grade, ceramics are designated as Class A, B and C.*

ADHERENCIA Y ÁNGULO DE INCLINACIÓN MEDIO · ADHERENCE AND AVERAGE ANGLE OF INCLINATION	CLASE DE RESISTENCIA AL DESLIZAMIENTO · SLIP RESISTANCE CLASS
Media / Medium: $\geq 12^\circ$	A
Alta / High: $\geq 18^\circ$	B
Fuerte / Strong: $\geq 24^\circ$	C

**BS 7976-2:2002 +A1:2013**

Prueba de péndulo medidor del coeficiente de fricción.

El método se basa en un taco de goma que barre de una manera controlada una zona del suelo establecida. El carácter deslizante del suelo tiene un efecto directo y medible en el valor de la prueba del péndulo (PTV, Pendulum Test Value). Puede realizarse tanto en condiciones secas como en entornos contaminados.

*Coefficient of friction pendulum test.*

*The method is based on a rubber block that sweeps in a controlled manner over a defined area of the floor. The slipperiness of the soil has a direct and measurable effect on the Pendulum Test Value (PTV). It can be performed in dry conditions as well as in contaminated environments.*

VALOR PTV · VALUE PTV	VALORACIÓN PAVIMENTO · FLOOR RATING
0 - 24	Riesgo alto de deslizamiento <i>High slip potential</i>
25 - 35	Riesgo moderado de deslizamiento <i>Moderate slip potential</i>
> 36	Riesgo bajo de deslizamiento <i>Low slip potential</i>

**DCOF STANDARD ANSI A137. 1: 2017. 9.6**

El AcuTest del coeficiente de fricción dinámico (DCOF) es una evaluación del coeficiente de fricción (COF) de la superficie de un azulejo en condiciones conocidas utilizando un sensor normalizado preparado de acuerdo con un protocolo específico.

La medición de DCOF no es una propiedad del suelo sino una medida de la interacción entre el sensor, el lubricante y la superficie del azulejo bajo condiciones controladas. Es útil para permitir comparar las superficies o para evaluar cómo una superficie ha cambiado con el tiempo.

Según el estándar ANSI A137. 1: 2017. 9.6, las baldosas cerámicas elegidas a nivel de espacios interiores sobre los que se prevé que se camine mientras están húmedos deben tener un valor mínimo de humedad de 0,42 en el AcuTest de DCOF. Los azulejos con un valor inferior no están necesariamente limitados a colocarse únicamente en zonas secas, sino que se limitan a su aplicación en lugares en los que se mantengan secos mientras se camina.

*The AcuTest Dynamic Coefficient of Friction (DCOF) is an evaluation of the coefficient of friction (COF) of a tile surface under known conditions using a standardised sensor prepared according to a specific protocol. The DCOF measurement is not a property of the soil but a measure of the interaction between the sensor, the lubricant and the tile surface under controlled conditions. It is useful to allow comparison of surfaces or to evaluate how a surface has changed over time. According to the ANSI A137. 1: 2017. 9.6, ceramic tiles chosen at the interior space level that are intended to be walked on while wet must have a minimum moisture value of 0.42 on the DCOF AcuTest. Tiles with a lower value are not necessarily restricted to be laid only in dry areas, but are limited to application in locations where they will remain dry while walked on.*

**SELECCIÓN DE BALDOSAS SEGÚN RESBALACIDAD - TILE SELECTION ACCORDING TO SLIP RESISTANCE**

Se clasifican, en función de su valor de resistencia al deslizamiento Rd, de acuerdo con lo establecido en la siguiente tabla:

*They are classified, according to their slip resistance value Rd, in accordance with the following table:*

CARACTERÍSTICAS DEL SUELO FLOOR CHARACTERISTICS	VALOR RD ENSAYO EN HÚMEDO RD VALUE WET TEST	CLASE CLASS
No aplica · Does not apply	$\leq 15$	0
Zonas interiores secas: superficies con pendiente menor al 6%. <i>Dry indoor areas: surfaces with a slope less than 6%.</i>	$15 < Rd \leq 35$	1
Zonas interiores secas: superficies con pendiente igual o mayor al 6% y escaleras. <i>Dry indoor areas: surfaces with a slope equal to or greater than 6% and stairs.</i>	$35 < Rd \leq 45$	2
Zonas interiores húmedas tales como las entradas a los edificios desde el espacio exterior (1), terrazas cubiertas, vestuarios, duchas, baños, aseos, cocinas, etc: superficies con pendiente menor que el 6%. <i>Indoor areas subject to water such as areas leading into buildings from outside (1), covered terraces, changing rooms, showers, bathrooms, toilets or kitchens: surfaces with a slope of less than 6%.</i>	$> 45$	3
Zonas interiores húmedas: superficies con pendiente igual o mayor que al 6% y escaleras. <i>Indoor areas subject to water: surfaces with a slope equal to or greater than 6% and stairs.</i>		
Zonas interiores donde, además de agua puede haber agentes que reducen las resistencias al deslizamiento (grasas, lubricantes, etc..) tales como cocinas industriales, mataderos, zonas de uso industrial, etc. <i>Interior areas where, apart from water, there may be agents that reduce slip resistance (grease, fat lubricants, etc.) such as industrial kitchens, abattoirs, or industrial use areas, etc.</i>		
Zonas exteriores: Piscinas (2) <i>Outdoor areas: Pools (2)</i>		

(1) Excepto cuando se trate de accesos directos a zonas de uso restringido.  
*Except when they lead directly into areas of limited use.*

(2) En zonas previstas para usuarios descalzos y en el fondo de piscinas, en las zonas en la que profundidad no exceda de 1'5 m.  
*In areas where users are expected to go barefoot and in the bottom of pools, in areas no deeper than 1'5 m.*

**SELECCIÓN DE BALDOSAS SEGÚN RESISTENCIA AL DESGASTE - TILE SELECTION ACCORDING TO WEAR RESISTANCE**

La resistencia a la abrasión es representada por la resistencia al desgaste superficial.

La cerámica está clasificada con un código que indica su uso apropiado. A este código se le conoce como PEI (Porcelain Enamel Institute), y tiene un rango de 0 a 5, que indica la resistencia al desgaste que soportará la cerámica según la Norma UNE-EN-ISO 10545-7.

*Abrasion resistance is represented by surface wear resistance.*

*Ceramics are classified with a code that indicates their appropriate use. This code is known as PEI (Porcelain Enamel Institute), and has a range from 0 to 5, which indicates the wear resistance that the ceramic will withstand according to the UNE-EN-ISO 10545-7 Standard.*

ZONA DE COLOCACIÓN PLACEMENT AREA	CLASE CLASS
Pavimentos sometidos a tráfico ligero. Generalmente se pueden colocar en dormitorios y baños de viviendas privadas. <i>Floor tiles in light traffic areas. These can be generally applied in the bedrooms and bathrooms of private houses.</i>	1
Pavimentos sometidos a tráfico medio-ligero. Se pueden colocar en todas las habitaciones de las viviendas privadas, a excepción de la cocina. <i>Floor tiles in medium-light traffic areas. These can be applied in all the rooms of private houses, except kitchens.</i>	2
Pavimentos sometidos a tráfico medio. Pueden ser colocados en todas las habitaciones de las viviendas privadas, incluyendo habitaciones de hotel con sus respectivos cuartos de baño, etc... <i>Floor tiles in medium traffic areas. These can be applied in all the rooms of private houses, including hotel bedrooms with their bathrooms, etc...</i>	3
Pavimentos sometidos a tráfico medio-pesado. Se pueden instalar en cocinas, locales públicos, excluyendo los lugares de tráfico intenso. <i>Floor tiles in medium-heavy traffic areas. These can be applied in kitchens, publics locals, excluding the places of intense traffic.</i>	4
Pavimentos adaptados a tráfico muy intenso (según proyecto de NORMA ISO-10545-Parte 7). <i>Floor tiles adapted to very heavy traffic (in accordance to ISO-10545-Parte 7 regulation project).</i>	5



## RESISTENCIA QUÍMICA Y A LAS MANCHAS - CHEMICAL AND STAIN RESISTANCE

Las baldosas cerámicas están sometidas a la agresión química, consecuencia de la limpieza, contaminación ambiental en exteriores y vertidos de productos en suelos.

La agresión química se traduce en pérdida de brillo, cambio de tono, de color o menor resistencia a las manchas.

Esta corrosión variará en función del tipo de superficie.

*Ceramic tiles are subject to chemical aggression as a result of cleaning, environmental pollution outdoors and spillage of products on floors.*

*Chemical aggression results in loss of gloss, change of tone, change of colour or reduced resistance to staining.*

*This corrosion will vary depending on the type of surface.*

RESISTENCIA QUÍMICA · CHEMICAL RESISTANCE		
CLASE CLASS	RESISTENCIA A LOS PRODUCTOS DE LIMPIEZA RESISTANCE TO CLEANING PRODUCTS	RESISTENCIA A LOS ÁCIDOS Y LAS BASES RESISTANCE TO ACIDS AND ALKALINES
A	Sin efecto visible No visible alterations	Sin efecto visible No visible alterations
B	Clara modificación del aspecto Clear alteration of appearance	Clara modificación del aspecto Clear alteration of appearance
C	Menos resistencia que B Less resistant than B	Menos resistencia que B Less resistant than B

RESISTENCIA A LAS MANCHAS · RESISTANCE TO STAINS	CLASE · CLASS
Mancha eliminada con agua. Stain disappears with water.	5
Mancha eliminada con agente limpiador fácil. Stain disappears with low concentrated cleaning product.	4
Mancha eliminada con agente limpiador fuerte y métodos mecánicos. Stain disappears with high concentrated cleaning product and mechanical assistance.	3
Mancha eliminada con disolventes. Stain disappears with solvents.	2
Mancha persistente. Stain remains.	1

## UN PAVIMENTO, MÚLTIPLES APLICACIONES - ONE FLOOR TILE, MULTIPLE APPLICATIONS

Slip-stop, el nuevo porcelánico antideslizante de Alaplana, combina de manera perfecta, rendimiento estética y versatilidad. Una única textura, suave y fácil de limpiar, perfecta para cualquier pavimento, y con altas prestaciones antideslizantes.

- Antideslizante con una suave y agradable textura
- Fácil limpieza y sin ningún mantenimiento adicional
- Sin cambios entre diferentes espacios de interior, exterior, o zonas húmedas
- Multitud de formatos y acabados estéticos, para todos los gustos
- No necesita colocaciones especiales
- Resistente al hielo, a los ataques químicos y a los agentes atmosféricos
- Mantiene inalteradas en el tiempo sus excepcionales calidades técnicas

*Slip-stop, the new Alaplana anti-slip porcelain tile, combines, in the best possible ways, performance, esthetic and adaptability. Only one texture, soft, smooth and easy to clean, perfect for any floor tile, with high anti-slip performances.*

- *Anti slip with a soft and pleasant texture*
- *Fast and easy cleaning, with no additional maintenance*
- *No changes from indoor to outdoor or to wet and humid areas*
- *Various sizes and aesthetic finishes for infinite types of preferences*
- *No special laying*
- *Frost proof and chemical products resistance*
- *Characteristics remain unchanged in time*

CARACTERÍSTICAS TÉCNICAS TECHNICAL FEATURES	NORMA STANDARD	VALOR PRESCRITO VALUE REQUIRED	VALOR MEDIO AVERAGE VALUE
RESISTENCIA AL DESLIZAMIENTO SLIP RESISTANCE	DIN 51130:2014-5	R	≥ R10
	UNE-41901 EX	CTE	CLASE 3 · CLASS 3
	ANSI A137. 1:2017.9.6	DCOF	> 0,63
	BS 7976-2:2002 + A1:2013	PTV	+36
	DIN 51097	CLASE	C



Para que se pueda apreciar la calidad, y las prestaciones de los productos cerámicos, debemos asegurarnos de que han sido bien colocados, tanto desde el punto de vista técnico como estético.

Para esto, es imprescindible, que la colocación de las baldosas cerámicas sea realizada por un profesional experimentado y conocedor de la técnica y de los materiales a utilizar.

A continuación, se exponen algunas recomendaciones generales a tener en cuenta para la correcta colocación de un revestimiento con baldosas cerámicas

*In order to appreciate the quality and performance of ceramic products, we must ensure that they have been properly laid, both from a technical and aesthetic point of view.*

*For this, it is essential that ceramic tiles are laid by an experienced professional who is familiar with the technique and the materials to be used.*

*The following are some general recommendations to be taken into account for the correct installation of a ceramic tile covering.*

CONSEJOS DE COLOCACIÓN GENERAL

1. Para formatos rectangulares, la colocación trabada nunca debe superar el 20% de la longitud del lado que se aplica.
2. En colocación con cemento cola, no mojar las piezas.
3. Nivelar las superficies antes de aplicar elementos de fijación (morteros, cementos, cola, etc.)
4. Respetar las juntas de dilatación perimetrales y estructurales.
5. Colocar el producto mezclando varias cajas y verifica la uniformidad de tono.
6. En producto porcelánico, utilizar cortadora eléctrica refrigerada por agua y con disco específico para porcelánico.
7. Agujereado de porcelánico:
  - a.- Utilizar brocas para porcelánico.
  - b.- No utilizar el percutor en el taladro.
  - c.- Taladrar a bajas revoluciones.
  - d.- Empezar con brocas finas y terminar ajustando con la broca definitiva.
  - e.- Refrigerar la broca en uso.
8. Limpiar con productos no abrasivos.

Finalizada la colocación debemos proteger el acabado cerámico recién colocado de las inclemencias del tiempo, heladas, y secado prematuro.

ESPECIFICACIONES DE PRODUCTOS RECTIFICADOS

1. Tener especialmente cuidado en la manipulación de las piezas. Los bordes rectificados se prestan a una fácil rotura o despuntado por su canto vivo.
2. No mojar las piezas antes de colocarlas ya que pueden sufrir una ligera deformación que dificulte su colocación.
3. El lugar de colocación debe estar maestreado con un fraguado mínimo a tres días.
4. Seguir con precisión las instrucciones de amasado y aplicación del fabricante de mortero.
5. Aplicar cemento cola con llana dentada.
6. Pese que el material rectificado se presta a una colocación sin junta es aconsejable dejar una junta mínima de 2mm evitando así cualquier tipo de problema dimensional y eliminación de tensiones. La junta se realizará con mortero específico para esta labor y con llana de goma.
7. Se debe colocar por paños completos.
8. Proteger los pavimentos de tránsito en su fase de endurecimiento.
9. Seguir con precisión las instrucciones del fabricante de mortero.
10. Rejuntar con mortero específico para esta labor y llana de goma.

GENERAL LAYING TIPS

1. For rectangular formats, the locked placement should never exceed 20% of the length of the side to be applied.
2. When laying with glue cement, do not wet the pieces.
3. Level the surface before applying fixing elements (mortars, cements, glue, etc.)
4. Respect the perimeter and structural expansion joints.
5. Place the product mixing several boxes and check the uniformity of the tone.
6. For porcelain products, use a water-cooled electric cutter with a specific disc for porcelain.
7. Porcelain holes:
  - a.- Use drill bits for porcelain.
  - b.- Do not use the hammer on the drill.
  - c.- Drill at low revolutions.
  - d.- Start with fine bits and finish adjusting with the final bit.
  - e.- Refrigerate the drill bit in use.
8. Clean with non-abrasive products.

Once the installation is finished, we must protect the newly placed ceramic finish from weather, frost, and premature drying.

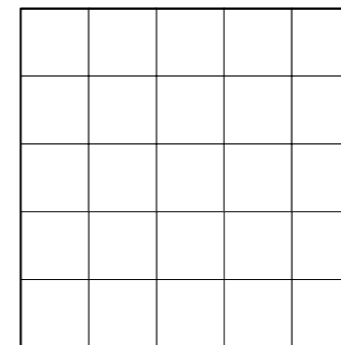
RECTIFIED PRODUCTS SPECIFICATIONS

1. Be especially careful when handling parts. The ground edges lend themselves to easy breaking or blunting due to their sharp edge.
2. Do not wet the pieces before placing them as they may suffer a slight deformation that makes their placement difficult.
3. The place of placement must be mastered with a minimum setting of three days.
4. Precisely follow the mixing and application instructions of the mortar manufacturer.
5. Apply glue cement with a notched trowel.
6. Although the rectified material lends itself to a placement without a joint, it is advisable to leave a minimum joint of 2mm, thus avoiding any type of dimensional problem and elimination of stress. The joint will be made with specific mortar for this task and with a rubber trowel.
7. It must be placed by full cloths.
8. Protect traffic pavements in their hardening phase.
9. Follow the mortar manufacturer's instructions precisely.
10. Grout with specific mortar for this job and a rubber trowel.

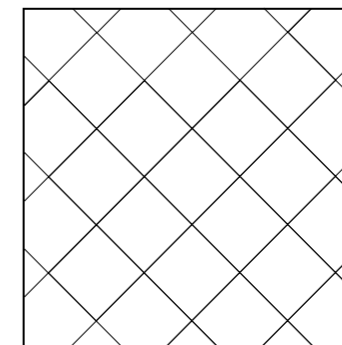
A continuación, se muestran algunos ejemplos de colocación, según el formato de las baldosas.

*Below are some examples of placement, depending on the format of the tiles.*

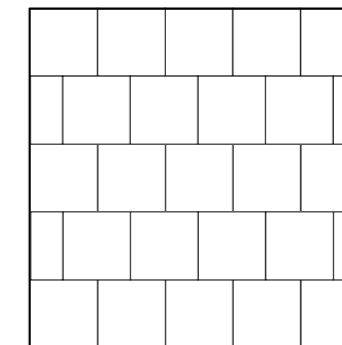
FORMATO CUADRADO - SQUARE FORMAT



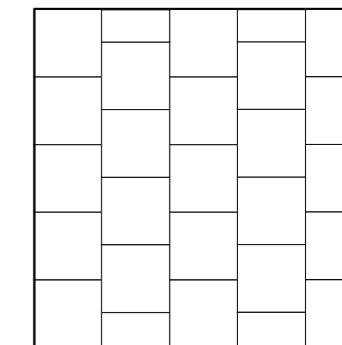
Colocación tradicional formato cuadrado.  
*Traditional square format laying.*



Colocación formato cuadrado a 45°.  
*Square format laying at 45°.*

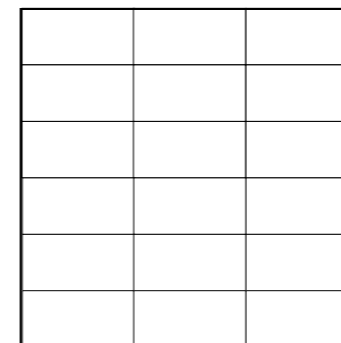


Colocación formato cuadrado con junta corrida horizontal.  
*Square format laying with horizontal running joint.*

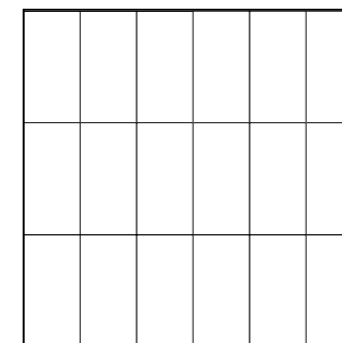


Colocación formato cuadrado con junta corrida vertical.  
*Square format laying with vertical running joint.*

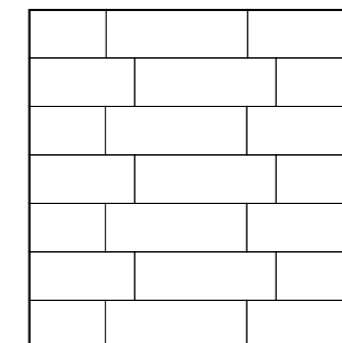
FORMATO RECTANGULAR - RECTANGULAR FORMAT



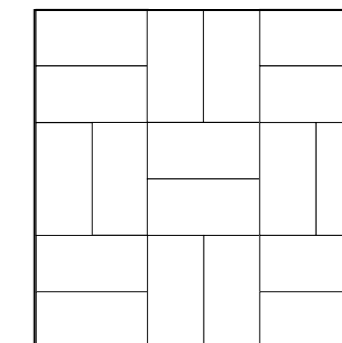
Colocación tradicional formato rectangular en horizontal.  
*Traditional rectangular format laying in horizontal.*



Colocación tradicional formato rectangular en vertical.  
*Traditional rectangular format laying in vertical.*

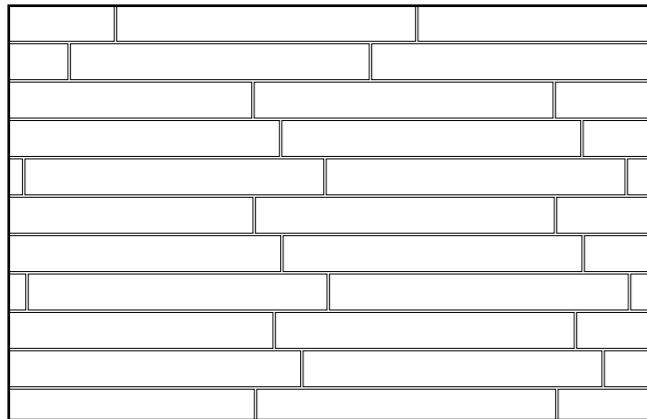


Colocación formato rectangular con junta corrida.  
*Rectangular format laying with running joint.*

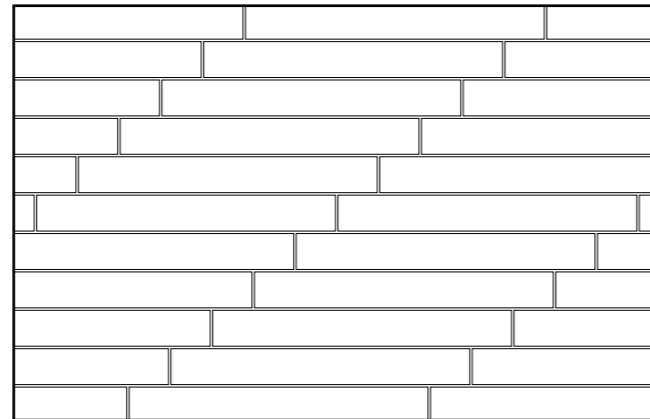


Colocación dos a dos en formato rectangular.  
*Two by two laying in rectangular format.*

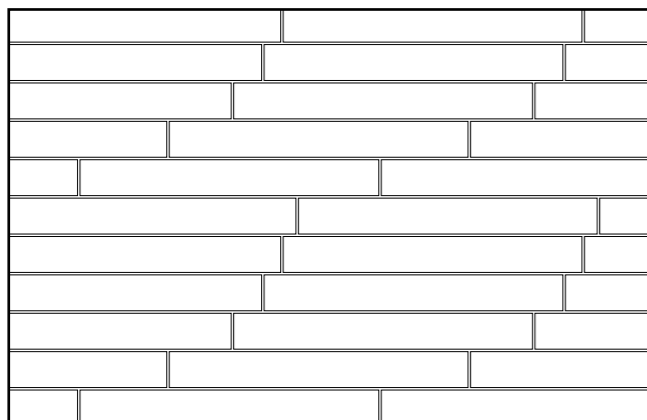
## FORMATO RECTANGULAR MADERAS - RECTANGULAR FORMAT WOODS



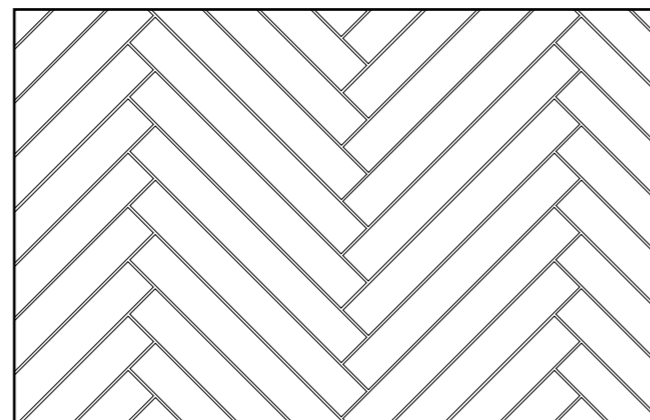
Colocación trabada (hasta 12 cm.)  
Locked laying (up to 12 cm.)



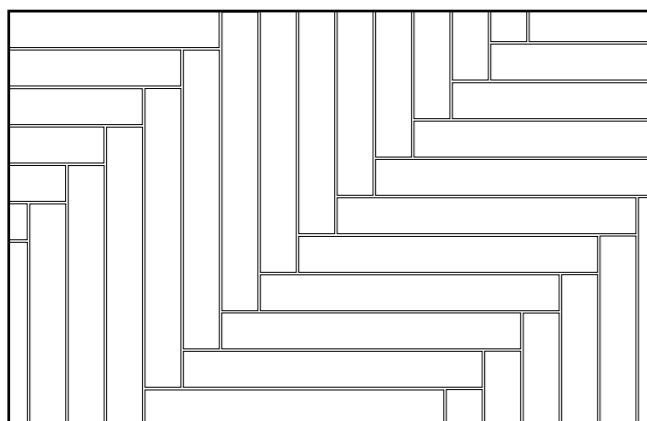
Colocación regular (separación máxima 12 cm.)  
Regular laying (maximum separation 12 cm)



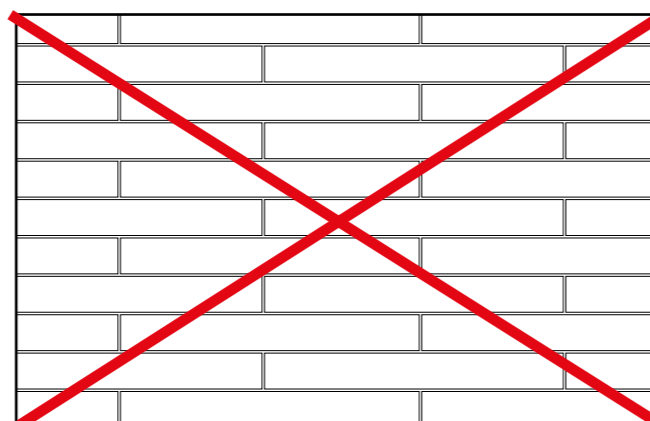
Colocación regular  
Regular laying.  
(sep. secuencial a 1-3-4, 3-6-7, 3-9-12 cm.)



Colocación en espiga 45°  
45° herringbone laying



Colocación en espiga 90°  
90° herringbone laying



Colocación regular a media pieza (no aconsejable)  
Regular laying to half piece (not advisable)

## NOTA IMPORTANTE - IMPORTANT NOTE

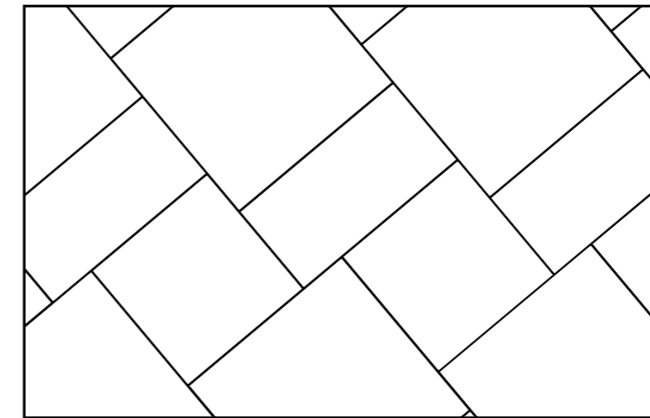
No colocar los formatos 20x60, 20'5x61'5, 30x60 y 23x120 con una traba superior al 20% del lado de mayor longitud. La empresa declina toda responsabilidad en caso de la no observancia de esta nota.

Do not place the 20x60, 20'5x61'5, 30x60 and 23x120 formats with a lock of more than 20% on the longest side. The company declines all responsibility in case of ignoring this note.

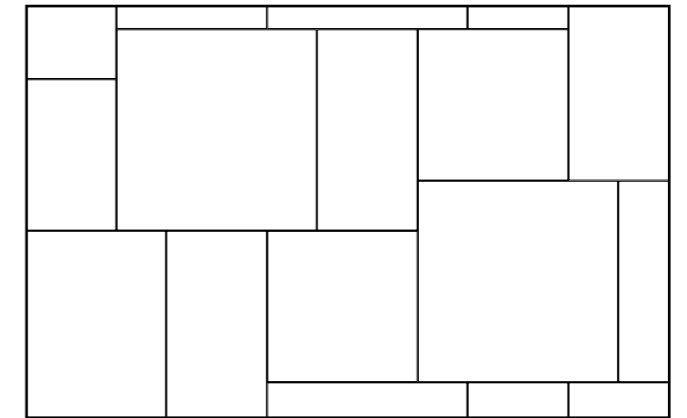
## MULTIFORMATO - MULTIFORMAT

Para colocaciones modulares de colecciones multiformato, se exige una junta mínima de 5 mm. A continuación, se muestran algunas soluciones de colocación.

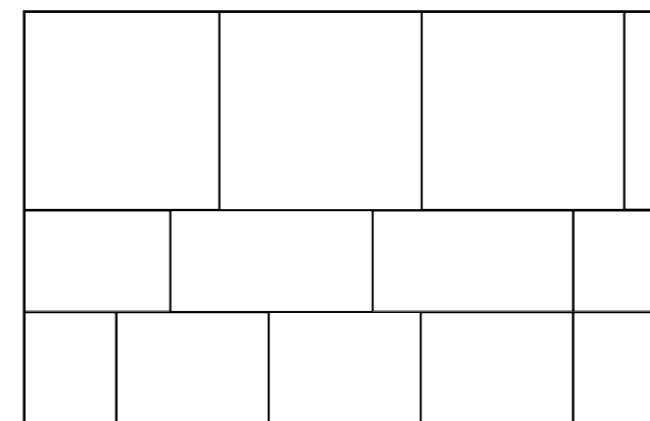
For modular placement of multi-format collections, a minimum joint of 5 mm is required. Here are some laying solutions.



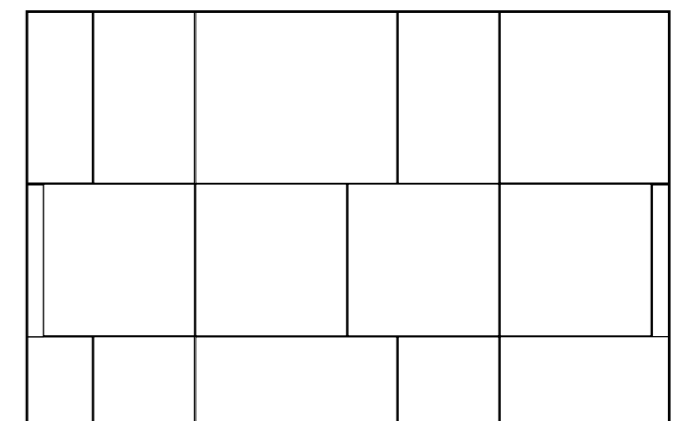
60x60cm · 24"X24" | 49%  
30x60cm · 12"X24" | 24%  
45x45cm · 18"X18" | 27%



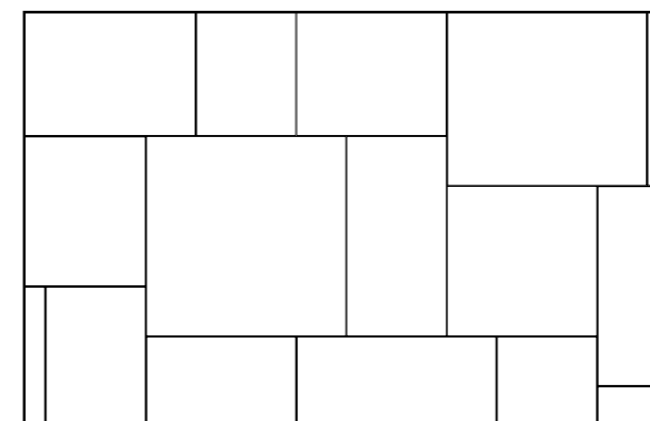
60x60cm · 24"X24" | 48%  
30x60cm · 12"X24" | 24%  
45x45cm · 18"X18" | 27%



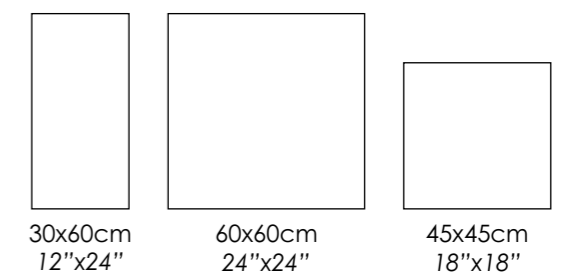
60x60cm · 24"X24" | 39%  
30x60cm · 12"X24" | 39%  
45x45cm · 18"X18" | 22%



60x60cm · 24"X24" | 42%  
30x60cm · 12"X24" | 18%  
45x45cm · 18"X18" | 40%



60x60cm · 24"X24" | 50%  
30x60cm · 12"X24" | 30%  
45x45cm · 18"X18" | 20%



30x60cm  
12"x24"

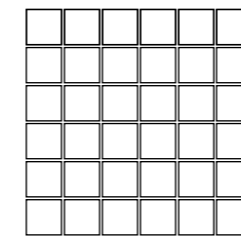
60x60cm  
24"x24"

45x45cm  
18"x18"

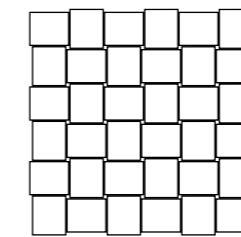
PIEZAS ESPECIALES - SPECIAL PIECES

PELDAÑOS - STEPS						
	NUMERO DE LADOS NUMBER OF SIDES	LADO CORTO O LARGO LONG OR SHORT SIDE	POSICIÓN POSITION		LISO / ESTRÍAS PLAIN / SCORED	FORMATO SIZE
PELDAÑO TÉCNICO TECHNICAL STEP		Si es rectangular especificar el lado If rectangular, specify the side				Todos All
	PELDAÑO TÉCNICO SIMPLE SINGLE TECHNICAL STEP				Liso Plain	Estrías Scored
						Todos All
	PELDAÑO TÉCNICO DOBLE DOUBLE TECHNICAL STEP		Posición derecha Right position	Posición izquierda Left position	Liso Plain	Estrías Scored
PELDAÑO ROMO ROUND STEP		Si es rectangular especificar el lado If rectangular, specify the side				Todos All
	PELDAÑO ROMO SIMPLE SINGLE ROUND STEP				Liso Plain	Estrías Scored
						Todos All
	PELDAÑO DOBLE ROMO DOUBLE ROUND STEP		Posición derecha Right position	Posición izquierda Left position	Liso Plain	Estrías Scored
MOLDURA STEP BULLNOSE						33,3x33,3 13"x13"
	MOLDURA SIMPLE SINGLE STEP BULLNOSE				Liso Plain	
						33,3x33,3 13"x13"
	MOLDURA DOBLE DOUBLE STEP BULLNOSE				Liso Plain	
TRIMS						
	FORMATO BASE · BASE SIZE			FORMATO TRIM · TRIM SIZE		
	VARIOS · SEVERAL			5x25 cm · 2"x10"		
	25x50 cm · 10"x20"			5x50 cm · 2"x20"		
	20x60 cm · 8"x24"			5x20 cm · 2"x8"		
	20x60 cm · 8"x24"			5x60 cm · 2"x24"		
	33,3x90 RECT. · 13"x36" RECT.			5x33,3 cm · 2"x13"		
	33,3x90 RECT. · 13"x36" RECT.			7x33,3 cm · 2,7"x13"		
	40x120 RECT. · 16"x47" RECT.			7,5x60 cm · 3"x24"		
40x120 RECT. · 16"x48" RECT.			7,5x120 cm · 3"x48"			

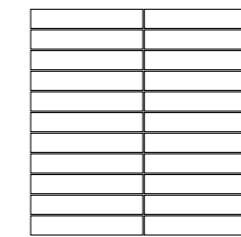
COMPLEMENTOS - COMPLEMENTS



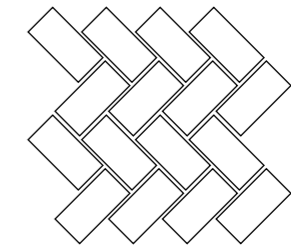
Mosaico Cuadros  
30x30cm · 12"x12"



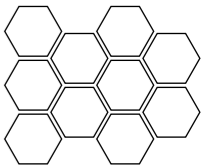
Mosaico Tesela  
30x30cm · 12"x12"



Mosaico Rectángulo  
30x30cm · 12"x12"



Mosaico Espiga  
31.5x35cm · 12"x14"



Mosaico Exa  
21x26cm · 8"x10"





**STARLIGHT**  
POLISHED PORCELAIN

---

120x120 RC | 48"x48"RC  
60x120 RC | 24"x48"RC

120x120 RC | 48"x48"RC

Polished Porcelain



## AMALFI



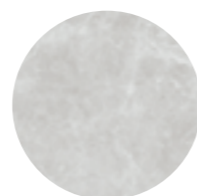
STARLIGHT CATALOGUE - Pag. 6



BEIGE PUL001



BLANCO PUL001

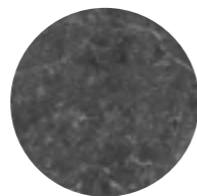


GRIS PUL001

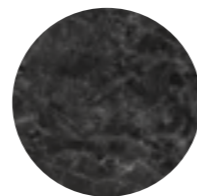
## ANIMA



STARLIGHT CATALOGUE - Pag. 12



GRIS PUL005



ANTRACITA PUL005

## ANNIE BLUE



STARLIGHT CATALOGUE - Pag. 18



ANNIE BLUE PUL001

## ATHLONE



STARLIGHT CATALOGUE - Pag. 22

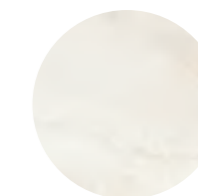


BEIGE PUL001

## BIBURY



STARLIGHT CATALOGUE - Pag. 26



BEIGE PUL001

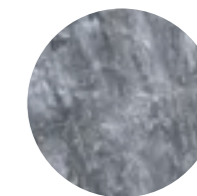


WHITE PUL001

## BRASILIA



STARLIGHT CATALOGUE - Pag. 30



BRASILIA PUL001

## GOLDEN HILL



STARLIGHT CATALOGUE - Pag. 34

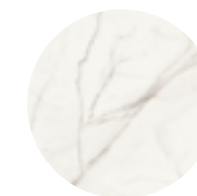


GOLDEN HILL PUL001

## KINSALE



STARLIGHT CATALOGUE - Pag. 38

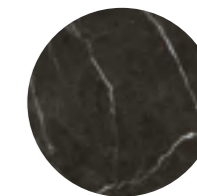


WHITE PUL001

## MARKINA GOLD



STARLIGHT CATALOGUE - Pag. 42

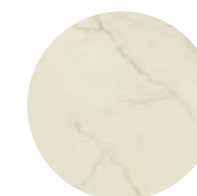


MARKINA GOLD PUL005

## RANNIA WHITE



STARLIGHT CATALOGUE - Pag. 46



RANNIA WHITE PUL001

60x120 RC | 24"x48"RC

Polished Porcelain



## AMALFI



STARLIGHT CATALOGUE - Pag. 6

## ANIMA



STARLIGHT CATALOGUE - Pag. 12

## ANNIE BLUE

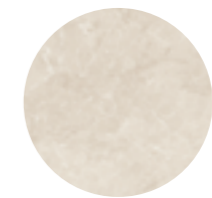


STARLIGHT CATALOGUE - Pag. 18

## ATHLONE



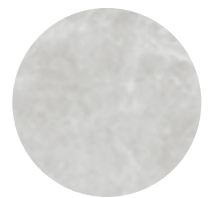
STARLIGHT CATALOGUE - Pag. 22



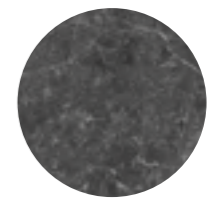
BEIGE PUL021



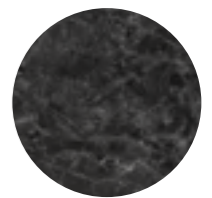
BLANCO PUL021



GRIS PUL021



GRIS PUL025



ANTRACITA PUL025



ANNIE BLUE PUL021



BEIGE PUL021

# BIBURY



STARLIGHT CATALOGUE - Pag. 26



BEIGE PUL021

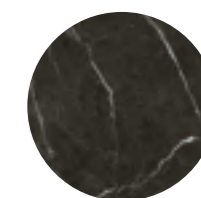


WHITE PUL021

# MARKINA GOLD



STARLIGHT CATALOGUE - Pag. 42

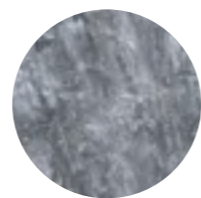


MARKINA GOLD PUL025

# BRASILIA



STARLIGHT CATALOGUE - Pag. 30



BRASILIA PUL021

# RANNIA WHITE



STARLIGHT CATALOGUE - Pag. 46

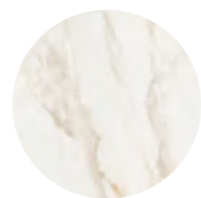


RANNIA WHITE PUL021

# GOLDEN HILL



STARLIGHT CATALOGUE - Pag. 34



GOLDEN HILL PUL021

# ROHE



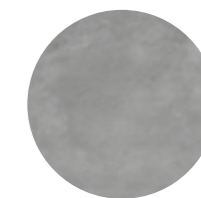
STARLIGHT CATALOGUE - Pag. 50



CREAM PUL021



SNOW PUL021

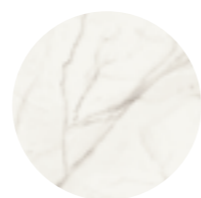


PEARL PUL021

# KINSALE



STARLIGHT CATALOGUE - Pag. 38



WHITE PUL021

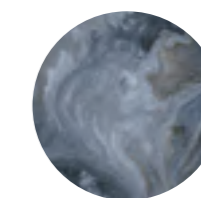
# URANO



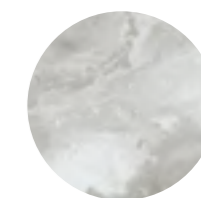
STARLIGHT CATALOGUE - Pag. 56



BEIGE PUL021



BLUE PUL023



GREY PUL021



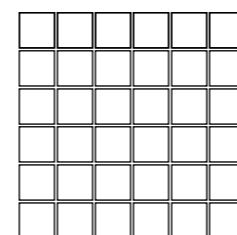
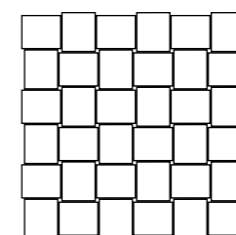
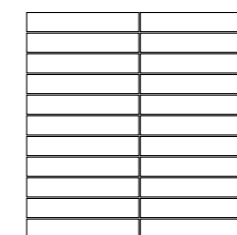
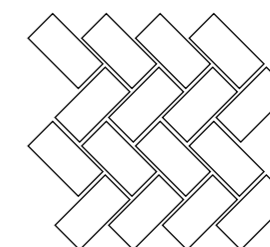
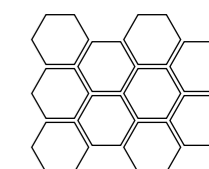


## CARACTERÍSTICAS TÉCNICAS - TECHNICAL FEATURES

TIPOLOGÍA TYPOLOGY	ACABADO FINISHING	GRUPO GROUP
PORCELÁNICO ESMALTADO · GLAZED PORCELAIN TILES GLASIERTES FEINSTEINZEUG · GRES CERÁME EMAILLÉ	PULIDO · POLISHED	Bla

CARACTERÍSTICA TÉCNICA TECHNICAL SPECIFICATION	NORMA REGULATION	VALOR PRESCRITO REQUIRED STANDARD	RESULTADO RESULT
ASPECTO SUPERFICIAL · SURFACE QUALITY	UNE-EN-ISO 10545-2	≥95%	100%
CARACTERÍSTICAS DIMENSIONALES · DIMENSIONS	UNE-EN-ISO 10545-2	-	Cumple · Complies
ABSORCIÓN DE AGUA · WATER ABSORPTION	UNE-EN-ISO 10545 - 3	Ev ≤ 0,5%	Cumple · Complies
FUERZA DE ROTURA · BREAKING STRENGTH	UNE-EN-ISO 10545 - 4	≥ 1300 N	Cumple · Complies
RESISTENCIA A LA FLEXIÓN · RESISTANCE OF FLEXION	UNE-EN-ISO 10545 - 4	≥ 35N/mm <sup>2</sup>	Cumple · Complies
ABRASIÓN SUPERFICIAL · SURFACE ABRASION	UNE-EN-ISO 10545 - 7	Valor declarado Declared Value	Según modelo According to model
RESISTENCIA AL CUARTEO · CRACKING RESISTANCE	UNE-EN-ISO 10545 - 11	Requerido · Requested	Cumple · Complies
RESISTENCIA A LA HELADA · FROST RESISTANCE	UNE-EN-ISO 10545 - 12	Requerido · Requested	Cumple · Complies
PRODUCTOS DOMÉSTICOS Y DE PISCINA HOUSEHOLD CHEMICALS AND SWIMMING POOLS SALTS	UNE-EN-ISO 10545 - 13	Mínimo clase B Minimum class B	Cumple · Complies
RESISTENCIA A ÁCIDOS · ACID RESISTANCE	UNE-EN-ISO 10545 - 13	Valor declarado Declared Value	Mínimo clase LB Minimum class LB
RESISTENCIA A BASES · ALKALINE RESISTANCE	UNE-EN-ISO 10545 - 13	Valor declarado Declared Value	Mínimo clase LB Minimum class LB
RESISTENCIA A MANCHAS · STAIN RESISTANCE	UNE-EN-ISO 10545 - 14	Mínimo 3 · Minimum 3	Cumple · Complies
RESISTENCIA AL RAYADO · HARDNESS (MOHS)	EN 101	Valor declarado Declared Value	Mínimo 3 · Minimum 3

## COMPLEMENTOS - COMPLEMENTS

Mosaico Cuadros  
30x30cm - 12"x12"Mosaico Tesela  
30x30cm - 12"x12"Mosaico Rectángulo  
30x30cm - 12"x12"Mosaico Espiga  
31.5x35cm - 12"x14"Mosaico Exa  
21x26cm - 8"x10"



# 20thick

PORCELAIN TILES

---

60x90 RC | 24"x36"RC

60x60 RC | 24"x24"RC

# 60x90 RC | 24"x36"RC

20 Thick Porcelain Tiles



## AMALFI



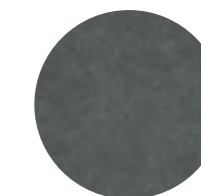
20 THICK CATALOGUE - Pag. 8



BEIGE PPR701



GRIS PPR701



ANTRACITA PPR702

## BODO



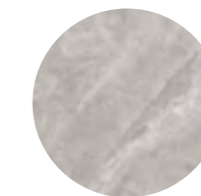
20 THICK CATALOGUE - Pag. 18



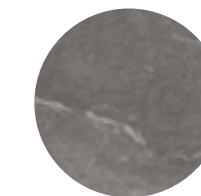
BEIGE PPR702



WHITE PPR702



GREY PPR702



ANTHRACITE PPR702

## EREBOR



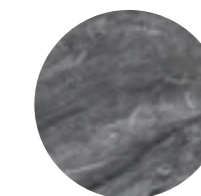
20 THICK CATALOGUE - Pag. 28



BEIGE PPR703



GRIS PPR702

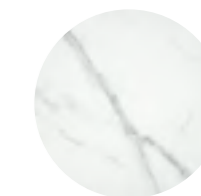


ANTRACITA PPR703

## KINSALE



20 THICK CATALOGUE - Pag. 38



ICE PPR702

## ROHE



20 THICK CATALOGUE - Pag. 52



BEIGE PPR702



GRIS PPR702



ANTHRACITE PPR703

## SURAT



20 THICK CATALOGUE - Pag. 60



GRIS PPR703



NATURAL PPR704

# 60x60 RC | 24"x24"RC

20 Thick Porcelain Tiles



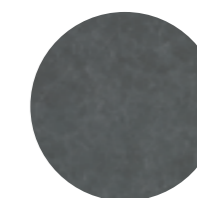
## ASSEN



20 THICK CATALOGUE - Pag. 10



GREY PP2701



GRAPHITE PP2702

## BODO



20 THICK CATALOGUE - Pag. 16



BEIGE PP2702



WHITE PP2702

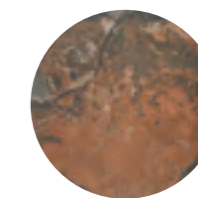


GREY PP2702

## CASTLEFORD



20 THICK CATALOGUE - Pag. 20



NATURAL PP2704



BLANCO PP2702



GRIS PP2703

## EREBOR



20 THICK CATALOGUE - Pag. 26



BEIGE PP2703



GRIS PP2702

# HORTON



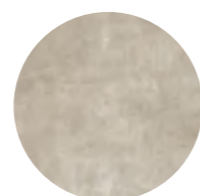
20 THICK CATALOGUE - Pag. 30



BEIGE PMC041



MOSS PMC141



GREY PMC141



ANTHRACITE PMC244

# ROHE



20 THICK CATALOGUE - Pag. 50



BEIGE PP2702



SILVER PP2702



GREY PP2702



ANTHRACITE PP2703

# KINSALE



20 THICK CATALOGUE - Pag. 36



ICE PP2702

# RUSHMORE



20 THICK CATALOGUE - Pag. 54



BEIGE PP2702



MOCCA PP2703



GREY PP2701

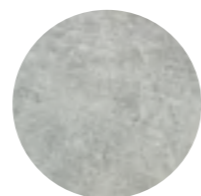
# MILLS



20 THICK CATALOGUE - Pag. 40



BEIGE PP2701



GREY PP2701

# VALAIS



20 THICK CATALOGUE - Pag. 62



BEIGE PP2703

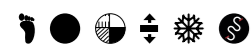


GRIS PP2702



ANTRACITA PP2704

# MOREDA



20 THICK CATALOGUE - Pag. 44



BEIGE PP2703



GRIS PP2702



CALIZA PP2704

# VALAR



20 THICK CATALOGUE - Pag. 66



BEIGE PP2702



WHITE PP2702



GREY PP2702



## TIPOS DE COLOCACIÓN - TYPES OF LAYING

Nuestra gama de productos 20 Thick (Gres Porcelánico de 2cm) está concebida para su uso en exteriores, gracias a sus propiedades antideslizantes y su alta carga de rotura. Podemos optar por varios tipos de colocación dependiendo de la ubicación, uso o aspecto que deseemos.

### COLOCACIÓN TRADICIONAL

Se realiza con la técnica adhesiva tradicional con materiales de agarre específicos para porcelánicos en exterior, técnica de doble encolado y sobre un soporte perfectamente ejecutado. Es la colocación adecuada para espacios con tránsito ligero rodado, rampas de acceso a garajes, espacios industriales y comerciales, etc.

### COLOCACIÓN EN SECO

Las baldosas 20thick se pueden colocar fácilmente con una leve preparación de las superficies sobre gravilla, hierba o arena. La colocación en seco de este tipo de producto tiene multitud de ventajas:

- La colocación es fácil, ya que no requiere de colas ni de ningún material de agarre.
- Es inmediatamente transitable, altamente ecológico ya que se puede reutilizar en otro espacio y fácilmente removible.
- Asegura el drenaje de las aguas pluviales gracias a las juntas abiertas de las baldosas no requiriendo juntas de dilatación.

### SOBRE - ELEVADO

La colocación sobre-elevada del 20thick consiste en un sistema de soportes reguladores o plots sobre los que se colocan las piezas, creando así una cámara vacía que facilita la instalación y manipulación.

Este sistema permite superar todas las limitaciones que ofrecía la colocación externa con métodos tradicionales.

*Our 20 Thick product range (2cm Porcelain Tile) is designed for outdoor use, thanks to its anti-slip properties and high breaking load. We can opt for various types of installation depending on the location, use or appearance desired.*

### TRADITIONAL INSTALLATION

*It is laid using the traditional adhesive technique with specific bonding materials for outdoor porcelain tiles, double gluing technique and on a perfectly executed substrate. It is the appropriate tile installation for spaces with light traffic, access ramps to garages, industrial and commercial spaces, etc.*

### DRY INSTALLATION

*20thick tiles can be easily installed with a light surface preparation on gravel, grass or sand. Dry installation of this type of product has a number of advantages:*

- Laying is easy, as it does not require glues or any bonding material.*
- It is immediately walkable, highly ecological as it can be reused in another space and easily removable.*
- It ensures the drainage of rainwater thanks to the open joints of the tiles and does not require expansion joints.*

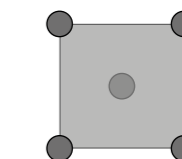
### OVER - RAISED

*The 20thick raised installation consists of a system of regulating supports or plots on which the tiles are laid, thus creating an empty chamber that facilitates installation and handling.*

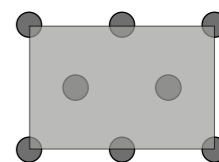
*This system makes it possible to overcome all the limitations offered by external installation using traditional methods.*

\*

Alaplana recomienda el uso de **5 plots** para piezas de **60x60cm**.  
Alaplana recommends the use of **5 plots** for pieces of **24"x24"**.



Alaplana recomienda el uso de **8 plots** para piezas de **60x90cm**.  
Alaplana recommends the use of **8 plots** for pieces of **24"x36"**.

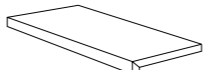
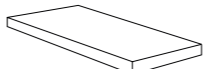
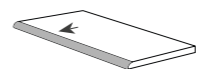
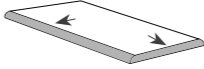
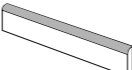
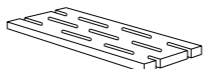

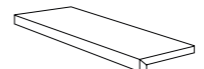

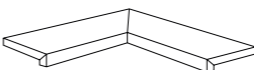
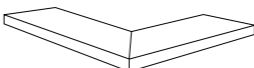
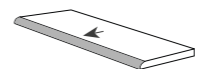
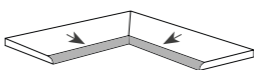
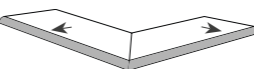


## CARACTERÍSTICAS TÉCNICAS - TECHNICAL FEATURES

DEFINICIÓN TYPOLOGY	NORMA REGULATION	VALOR PRESCRITO REQUIRED STANDARDS	20 THICK
PORCELÁNICO ESMALTADO · GLAZED PORCELAIN TILES GLASIERTES FEINSTEINZEUG · GRES CERÁME EMAILLÉ	UNE-EN 14411:2016	Ev ≤ 0,5%	Bla

CARACTERÍSTICA TÉCNICA TECHNICAL SPECIFICATION	NORMA REGULATION	VALOR PRESCRITO REQUIRED STANDARDS	20 THICK
ABSORCIÓN DE AGUA · WATER ABSORPTION	UNE-EN-ISO 10545 - 3	Ev ≤ 0,5%	Cumple · Complies
FUERZA DE ROTURA · BREAKING STRENGTH	UNE-EN-ISO 10545 - 4	≥ 2500N	Cumple · Complies
RESISTENCIA A LA FLEXIÓN · FLEXION RESISTANCE	UNE-EN-ISO 10545 - 4	≥ 40 N/mm <sup>2</sup>	Cumple · Complies
RESISTENCIA AL CHOQUE TÉRMICO · RESISTANCE TO THERMAL SHOCK	UNE-EN-ISO 10545 - 9	Requerido · Requested	Cumple · Complies
ABRASIÓN SUPERFICIAL · SURFACE ABRASION	UNE-EN-ISO 10545 - 7	Valor declarado Declared Value	Según modelo According to model
RESISTENCIA AL CUARTEO · CRACKING RESISTANCE	UNE-EN-ISO 10545 - 11	Requerido · Requested	Cumple · Complies
RESISTENCIA A LA HELADA · FROST RESISTANCE	UNE-EN-ISO 10545 - 12	Requerido · Requested	Cumple · Complies
RESISTENCIA QUÍMICA CHEMICAL RESISTANCE	PRODUCTOS DOMÉSTICOS Y DE PISCINA HOUSEHOLD CHEMICALS AND SWIMMING POOLS SALTS	UNE-EN-ISO 10545 - 13	Mínimo clase B Minimum class B
	ÁCIDOS Y BASES A ALTA CONCENTRACIÓN HIGH CONCENTRATION OF ACIDS AND ALKALIS	UNE-EN-ISO 10545 - 13	Valor declarado Declared Value
	ÁCIDOS Y BASES A BAJA CONCENTRACIÓN LOW CONCENTRATION OF ACIDS AND ALKALIS	UNE-EN-ISO 10545 - 13	Valor declarado Declared Value
RESISTENCIA A MANCHAS · STAIN RESISTANCE	UNE-EN-ISO 10545 - 14	Mínimo clase 3 Minimum class 3	Cumple · Complies
RESISTENCIA AL DESLIZAMIENTO SLIP RESISTANCE	Péndulo · Pendulum	UNE-41901 EX	Clase 3 · Class 3
	Resistencia al deslizamiento (Péndulo) Slip resistance (Pendulum) Método operativo (PTV) · Pendulum test value (PTV)	BS 7976-2:2002 +A1:2013	+36
	Coefficiente de fricción dinámico (D.C.O.F.) Dynamic coefficient of friction (D.C.O.F.)	ANSI A137. 1: 2017. 9.6	>0.63
	Ángulo crítico deslizamiento (Rampa) Critical angle of slip (Inclined platform)	DIN 51130:2014-5	ⓐ R11 ⓑ ≥ R10
	Ángulo crítico deslizamiento zonas húmedas de andar descalzo Critical angle of slip wet-loaded barefoot areas	DIN 51097	Clase C · Class C
RESISTENCIA AL RAYADO · HARDNESS (MOHS)	EN 101	Valor declarado Declared Value	Mínimo 3 Minimum 3

## PIEZAS ESPECIALES - SPECIAL PIECES

		FORMATO · SIZE		FORMATO PIEZA · PIECE SIZE	
PELDAÑO TÉCNICO TECHNICAL STEP	 PELDAÑO TÉCNICO SIMPLE SINGLE TECHNICAL STEP	60x60cm RECT · 24"x24"	60x90cm RECT · 24"x36"	30x60cm · 12"x24"	30x90cm · 12"x36"
	 PELDAÑO TÉCNICO DOBLE DOUBLE TECHNICAL STEP	60x60cm RECT · 24"x24"	60x90cm RECT · 24"x36"	60x60cm · 24"x24"	60x90cm · 24"x36"
PELDAÑO ROMO ROUND STEP	 PELDAÑO ROMO SIMPLE SINGLE ROUND STEP	60x60cm RECT · 24"x24"	60x90cm RECT · 24"x36"	30x60cm · 12"x24"	30x90cm · 12"x36"
	 PELDAÑO DOBLE ROMO ANGULAR DOUBLE ROUND STEP ANGLE	60x60cm RECT · 24"x24"	60x90cm RECT · 24"x36"	60x60cm · 24"x24"	60x90cm · 24"x36"
RODAPIÉ SKIRTING	 RODAPIÉ ROMO PINTADO PAINTED ROUND CUT SKIRTING	60x60cm RECT · 24"x24"	60x90cm RECT · 24"x36"	8x60cm · 3"x24"	8x90cm · 3"x36"
REJILLA DRAIN	 REJILLA DRAIN	60x60cm RECT · 24"x24"	60x90cm RECT · 24"x36"	20x60cm · 8"x24"	20x90cm · 8"x36"
	 REJILLA ESQUINA DRAIN ANGLE	60x60cm RECT · 24"x24"	60x90cm RECT · 24"x36"	20x20cm · 8"x8"	
BORDE EDGE	 BORDE TÉCNICO TECHNICAL EDGE	60x60cm RECT · 24"x24"	60x90cm RECT · 24"x36"	20x60cm · 8"x24"	20x90cm · 8"x36"
	 BORDE HUELLA TABICA TÉCNICO LARGE RISER TECHNICAL EDGE	60x60cm RECT · 24"x24"	60x90cm RECT · 24"x36"	20x60cm · 8"x24"	20x90cm · 8"x36"
	 BORDE ÁNGULO INTERIOR TÉCNICO (2 PIEZAS) INTERIOR ANGLE TECHNICAL EDGE (2 PIECES)	60x60cm RECT · 24"x24"	60x90cm RECT · 24"x36"	20x60cm · 8"x24"	20x90cm · 8"x36"
	 BORDE ÁNGULO EXTERIOR TÉCNICO (2 PIEZAS) EXTERIOR ANGLE TECHNICAL EDGE (2 PIECES)	60x60cm RECT · 24"x24"	60x90cm RECT · 24"x36"	20x60cm · 8"x24"	20x90cm · 8"x36"
	 BORDE ROMO ROUND EDGE	60x60cm RECT · 24"x24"	60x90cm RECT · 24"x36"	20x60cm · 8"x24"	20x90cm · 8"x36"
	 BORDE ÁNGULO INTERIOR ROMO (2 PIEZAS) INTERIOR ANGLE ROUND EDGE (2 PIECES)	60x60cm RECT · 24"x24"	60x90cm RECT · 24"x36"	20x60cm · 8"x24"	20x90cm · 8"x36"
	 BORDE ÁNGULO EXTERIOR ROMO (2 PIEZAS) EXTERIOR ANGLE ROUND EDGE (2 PIECES)	60x60cm RECT · 24"x24"	60x90cm RECT · 24"x36"	20x60cm · 8"x24"	20x90cm · 8"x36"



# CERTIFICADOS CERTIFICATIONS

En Alaplana trabajamos continuamente con el objetivo de garantizar la máxima calidad y eficacia en todas las fases de diseño y producción mediante procesos de fabricación que permiten la utilización responsable de los recursos naturales, respetando el medio ambiente.

Disponemos de un sistema de gestión conforme a la norma ISO 9001 basado en la mejora continua y nuestro afán por fabricar materiales que ofrezcan las más elevadas prestaciones técnicas.

*At Alaplana we work continuously with the aim of guaranteeing maximum quality and efficiency in all phases of design and production through manufacturing processes that allow the responsible use of natural resources, respecting the environment. We have a management system in accordance with the ISO 9001 standard based on continuous improvement and our eagerness to manufacture materials that offer the highest technical performance.*





		Formato	Espesor (mm)	Pzas/Cj	M2/Cj	Kg/Cj	Pzas/m2	Kg/m <sup>2</sup>	Cjas/Pal	m <sup>2</sup> /Pal	Kg/Pal
<b>PALET NORMAL</b>	<b>RR</b>	20X60	9,0	13	1,5600	22,71	8,33	15,22	64	99,84	1.470
		20x60 Relieve	10,0	12	1,4400	23,33	8,33	16,20	64	92,16	1.495
		25X40	9,2	16	1,6000	25,42	10,00	15,89	64	102,40	1.640
		25X40 Piedra	9,5	16	1,6000	24,69	10,00	15,43	64	102,40	1.610
		25X50	9,5	13	1,6250	26,95	8,00	16,59	64	104,00	1.740
		25X50 Relieve	9,5	13	1,6250	25,00	8,00	15,38	64	104,00	1.615
		25X50 Relieve	10,5	12	1,5000	22,26	8,00	14,85	64	96,00	1.440
	<b>PR</b>	33.3X33.3	8,5	13	1,4486	24,78	8,97	17,11	54	78,22	1.360
		33.33X33.33 Esp. Antihielo	13,0	9	1,0000	22,68	9,00	22,68	54	54,00	1.240
		45X45	9,1	7	1,4200	26,56	4,93	18,69	64	90,88	1.715
		45X45 - Relieve	9,1	7	1,4200	26,09	4,93	17,92	64	90,88	1.685
		20,5X61,5	9,5	9	1,1347	21,56	7,93	19,00	64	72,62	1.400
		24X95	10,0	6	1,3680	31,39	4,39	22,95	56	76,81	1.760
	<b>EUROPALET</b>	<b>RR</b>	20X60	9,0	13	1,5600	22,92	8,33	14,56	48	74,88
20x60 Relieve			10,0	12	1,4400	23,33	8,33	16,20	48	69,12	1.140
25X40			9,2	16	1,6000	25,00	10,00	15,63	48	76,80	1.220
25X40 - Piedra			9,5	15	1,5000	23,54	10,00	15,69	48	72,00	1.150
25X50			9,5	13	1,6250	26,95	8,00	16,50	36	58,50	990
25X50			9,5	13	1,6250	26,95	8,00	16,58	48	78,00	1.300
25X50			9,5	12	1,5000	24,57	8,00	16,38	48	72,00	1.200
25X50 Relieve			9,5	13	1,6250	25,00	8,00	15,38	48	78,00	1.220
25X50 Relieve			10,5	12	1,5000	24,92	8,00	16,61	48	72,00	1.210
25X75			9,5	7	1,3125	24,11	5,33	18,37	45	59,06	1.100
30x60 Relieve			9,3	9	1,6200	25,83	5,56	15,94	48	77,76	1.260
30X60			8,4	10	1,8000	26,67	5,56	14,81	48	86,40	1.300
33,3x100			10,2	4	1,3320	25,20	3,00	18,92	50	66,60	1.280
<b>RB</b>		33,3x90 RECT.	10,0	4	1,1988	21,90	3,34	18,27	50	59,94	1110
		33,3x90 RECT. Relieve	10,5	4	1,1988	21,30	3,34	17,77	50	59,94	1080
		33,3x90 RECT.	10,0	4	1,1988	23,88	3,34	19,92	40	47,95	970
		33,3x90 RECT. Relieve	10,5	4	1,1988	23,12	3,34	19,29	40	47,95	940
		40x120 RECT.	11,0	3	1,4400	27,00	2,08	18,75	20	28,80	560
<b>PR</b>		33.3X33.3	8,5	13	1,4486	24,78	8,97	17,11	46	66,63	1160
		33.33X33.33 Esp. Antihielo	13,0	9	1,0000	23,04	9,00	23,04	46	46,00	1080
		45X45	9,1	7	1,4200	26,53	4,93	18,69	52	73,84	1400
		45X45 - Relieve	9,1	7	1,4200	25,45	4,93	17,92	52	73,84	1325
		20,5X61,5	9,5	9	1,1347	21,56	7,93	19,00	64	72,62	1400
		20,5X61,5	8,5	10	1,2607	22,60	7,93	17,93	64	80,68	1465
		24X95	10,0	6	1,3680	31,39	4,39	22,95	36	49,25	1150
<b>PP</b>		15X90	9,0	9	1,2150	22,29	7,41	18,35	48	58,32	1090
		20X20	10,0	27	1,0800	24,58	25,00	22,76	48	51,84	1200
		23X120	9,7	4	1,1184	22,78	3,58	19,87	54	60,39	1250
		23x120 RECT.	9,7	4	1,0851	22,22	3,69	20,20	54	58,59	1220
		30X60	8,7	7	1,2600	22,92	5,56	18,19	48	60,48	1120
		30X60	8,7	7	1,2600	22,88	5,56	18,19	40	50,40	935
		30x150 RECT.	10,0	3	1,3455	29,52	2,23	21,94	42	56,51	1240
		37X75 RECT.	9,7	4	1,0900	21,39	3,67	19,69	54	58,86	1175
		45X45	8,5	7	1,4200	25,10	4,93	17,67	52	73,84	1325
	60X60	9,5	4	1,4400	29,17	2,78	20,25	36	51,84	1070	
	60X60 RECT. (20 mm)	20,0	2	0,7080	27,50	2,82	38,84	36	25,49	1010	
	60x60 RECT.	9,5	4	1,4161	28,47	2,82	20,11	36	50,98	1045	
	60x90 RECT. (20 mm)	20,0	2	1,0710	42,85	1,87	40,00	21	22,49	910	
	60x120 RECT.	10,0	2	1,4280	31,25	1,40	21,00	40	57,12	1270	
	60x120 RECT. PULIDO	10,5	2	1,4100	34,44	1,42	24,12	36	50,55	1260	
	75X75 RECT.	9,7	2	1,1071	21,98	1,81	19,85	48	53,14	1075	
	100x100 RECT.	10,0	2	1,9800	43,33	1,01	21,88	24	47,52	1060	
120x120 RECT.	10,5	1	1,4400	34,00	0,69	23,61	36	51,84	1300		
120x120 RECT. PULIDO	10,5	1	1,4161	34,50	0,7060	24,36	36	50,98	1300		

**alaplana.**  
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