



# NERA

BLANCO | BEIGE | TAUPE | GRIS | ANTRACITA  
NATURAL R11 SILKTECH | LAPADO R10 SILKTECH

600x1200 mm | 24"x48"  
800x800 mm | 32"x32"  
600x600 mm | 24"x24"  
300x600 mm | 12"x24"



NATURAL R11 SILKTECH | LAPADO R10 SILKTECH

600x1200 mm | 24"x48"  
800x800 mm | 32"x32"  
600x600 mm | 24"x24"  
300x600 mm | 12"x24"



NERA GRIS SILKTECH NATURAL 800X800 MM

# NERA BLANCO

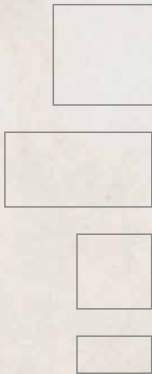
800x800 mm  
32"x32"

600x1200 mm  
24"x48"

600x600 mm  
24"x24"

600x600x20 mm \*

300x600 mm  
12"x24"



## PORCELÁNICO TÉCNICO. TECHNICAL PORCELAIN



| MEDIDA-<br>SIZE (mm) | NAT. R11 SILKTECH |        | LAP. R10 SILKTECH |        | ANTIDESLIZANTE<br>ANTI-SLIP |        |
|----------------------|-------------------|--------|-------------------|--------|-----------------------------|--------|
|                      | CÓDIGO            | GRUPO  | CÓDIGO            | GRUPO  | CÓDIGO                      | GRUPO  |
| 600x1200x10          | 29132             | G-1310 | 29033             | G-1315 | -                           | -      |
| 800x800x10           | 29404             | G-1310 | 29407             | G-1315 | -                           | -      |
| 600x600x10           | 28990             | G-1190 | 28993             | G-1195 | -                           | -      |
| 600x600x20*          | -                 | -      | -                 | -      | 27722                       | G-1285 |
| 300x600x10           | -                 | G-1150 | -                 | G-1155 | -                           | -      |

\*Serie NERA T20, piezas de espesor 20 mm. Ver página 255.  
\*NERA Serie T20, pieces of 20 mm thickness. See page 255.



600x1200x7,5 mm  
24"x48"

800x800x7,5 mm  
32"x32"

600x600x7,5 mm  
24"x24"

300x600x7,5 mm  
12"x24"



## PORCELÁNICO TÉCNICO. TECHNICAL PORCELAIN



| MEDIDA-SIZE (mm) | NATURAL R11 SILKTECH. |        | LAPPATO R10 SILKTECH. |        |
|------------------|-----------------------|--------|-----------------------|--------|
|                  | CÓDIGO                | GRUPO  | CÓDIGO                | GRUPO  |
| 600x1200x7,5     | 29036                 | G-1250 | 29584                 | G-1255 |
| 800x800x7,5      | -                     | G-1250 | -                     | G-1255 |
| 600x600x7,5      | 27650                 | G-1135 | 29575                 | G-1155 |
| 300x600x7,5      | 29440                 | G-1100 | 29459                 | G-1105 |

# NERA BEIGE

800x800 mm  
32"x32"

600x1200 mm  
24"x48"

600x600 mm  
24"x24"

600x600x20 mm \*

300x600 mm  
12"x24"

## PORCELÁNICO TÉCNICO. TECHNICAL PORCELAIN



| MEDIDA-<br>SIZE (mm) | NAT. R11 SILKTECH |        | LAP. R10 SILKTECH |        | ANTIDESLIZANTE<br>ANTI-SUP |        |
|----------------------|-------------------|--------|-------------------|--------|----------------------------|--------|
|                      | CÓDIGO            | GRUPO  | CÓDIGO            | GRUPO  | CÓDIGO                     | GRUPO  |
| 600x1200x10          | 29428             | G-1310 | 29111             | G-1315 | -                          | -      |
| 800x800x10           | -                 | G-1310 | -                 | G-1315 | -                          | -      |
| 600x600x10           | 28984             | G-1190 | 28987             | G-1195 | -                          | -      |
| 600x600x20*          | -                 | -      | -                 | -      | -                          | G-1285 |
| 300x600x10           | 29690             | G-1150 | -                 | G-1155 | -                          | -      |

\*Serie NERA T20, piezas de espesor 20 mm. Ver página 255.  
\*NERA Serie T20, pieces of 20 mm thickness. See page 255.



600x1200x7,5 mm  
24"x48"

800x800x7,5 mm  
32"x32"

600x600x7,5 mm  
24"x24"

300x600x7,5 mm  
12"x24"

## PORCELÁNICO TÉCNICO. TECHNICAL PORCELAIN



| MEDIDA-SIZE (mm) | NATURAL R11 SILKTECH. |        | LAPPATO R10 SILKTECH. |        |
|------------------|-----------------------|--------|-----------------------|--------|
|                  | CÓDIGO                | GRUPO  | CÓDIGO                | GRUPO  |
| 600x1200x7,5     | -                     | G-1250 | 29587                 | G-1255 |
| 800x800x7,5      | -                     | G-1250 | -                     | G-1255 |
| 600x600x7,5      | -                     | G-1135 | 29578                 | G-1155 |
| 300x600x7,5      | 29313                 | G-1100 | -                     | G-1105 |

# NERA TAUPE

800x800 mm  
32"x32"

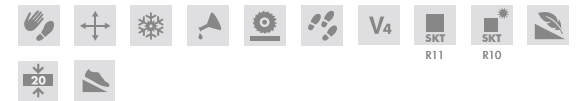
600x1200 mm  
24"x48"

600x600 mm  
24"x24"

600x600x20 mm \*  
24"x24"

300x600 mm  
12"x24"

## PORCELÁNICO TÉCNICO. TECHNICAL PORCELAIN



| MEDIDA-<br>SIZE (mm) | NAT. R11 SILKTECH<br>NAT. R11 SILKTECH |        | LAP. R10 SILKTECH<br>LAP. R10 SILKTECH |        | ANTIDESLIZANTE<br>ANTI-SLIP |        |
|----------------------|----------------------------------------|--------|----------------------------------------|--------|-----------------------------|--------|
|                      | CÓDIGO                                 | GRUPO  | CÓDIGO                                 | GRUPO  | CÓDIGO                      | GRUPO  |
| 600x1200x10          | -                                      | G-1310 | 29108                                  | G-1315 | -                           | -      |
| 800x800x10           | -                                      | G-1310 | -                                      | G-1315 | -                           | -      |
| 600x600x10           | 28981                                  | G-1190 | 28978                                  | G-1195 | -                           | -      |
| 600x600x20*          | -                                      | -      | -                                      | -      | -                           | G-1285 |
| 300x600x10           | -                                      | G-1150 | -                                      | G-1155 | -                           | -      |

\*Serie NERA T20, piezas de espesor 20 mm. Ver página 255.  
\*NERA Serie T20, pieces of 20 mm thickness. See page 255.



600x1200x7,5 mm  
24"x48"

800x800x7,5 mm  
32"x32"

600x600x7,5 mm  
24"x24"

300x600x7,5 mm  
12"x24"

## PORCELÁNICO TÉCNICO. TECHNICAL PORCELAIN



| MEDIDA-SIZE (mm) | NATURAL R11 SILKTECH.<br>NATURAL R11 SILKTECH |        | LAPPATO R10 SILKTECH.<br>LAPPATO R10 SILKTECH |        |
|------------------|-----------------------------------------------|--------|-----------------------------------------------|--------|
|                  | CÓDIGO                                        | GRUPO  | CÓDIGO                                        | GRUPO  |
| 600x1200x7,5     | -                                             | G-1250 | 29659                                         | G-1255 |
| 800x800x7,5      | -                                             | G-1250 | -                                             | G-1255 |
| 600x600x7,5      | -                                             | G-1135 | 29015                                         | G-1155 |
| 300x600x7,5      | -                                             | G-1100 | -                                             | G-1105 |

# NERA GRIS

800x800 mm  
32"x32"

600x1200 mm  
24"x48"

600x600 mm  
24"x24"

600x600x20 mm \*

300x600 mm  
12"x24"

PORCELÁNICO TÉCNICO. TECHNICAL PORCELAIN



| MEDIDA-<br>SIZE (mm) | NAT. R11 SILKTECH |        | LAP. R10 SILKTECH |        | ANTIDESLIZANTE<br>ANTI-SUP |        |
|----------------------|-------------------|--------|-------------------|--------|----------------------------|--------|
|                      | CÓDIGO            | GRUPO  | CÓDIGO            | GRUPO  | CÓDIGO                     | GRUPO  |
| 600x1200x10          | -                 | G-1310 | 26132             | G-1315 | -                          | -      |
| 800x800x10           | 27198             | G-1310 | 27204             | G-1315 | -                          | -      |
| 600x600x10           | 27234             | G-1190 | 27228             | G-1195 | -                          | -      |
| 600x600x20*          | -                 | -      | -                 | -      | 36462                      | G-1285 |
| 300x600x10           | 36629             | G-1150 | 36635             | G-1155 | -                          | -      |

\*Serie NERA T20, piezas de espesor 20 mm. Ver página 255.  
\*NERA Serie T20, pieces of 20 mm thickness. See page 255.



600x1200x7,5 mm  
24"x48"

800x800x7,5 mm  
32"x32"

600x600x7,5 mm  
24"x24"

300x600x7,5 mm  
12"x24"

PORCELÁNICO TÉCNICO. TECHNICAL PORCELAIN



| MEDIDA-SIZE (mm) | NATURAL R11 SILKTECH. |        | LAPPATO R10 SILKTECH. |        |
|------------------|-----------------------|--------|-----------------------|--------|
|                  | CÓDIGO                | GRUPO  | CÓDIGO                | GRUPO  |
| 600x1200x7,5     | 29144                 | G-1250 | 29141                 | G-1255 |
| 800x800x7,5      | 29632                 | G-1250 | -                     | G-1255 |
| 600x600x7,5      | 29219                 | G-1135 | 29228                 | G-1155 |
| 300x600x7,5      | -                     | G-1100 | -                     | G-1105 |

# NERA ANTRACITA

800x800 mm  
32"x32"

600x1200 mm  
24"x48"

600x600 mm  
24"x24"

600x600x20 mm \*  
24"x24"

300x600 mm  
12"x24"

PORCELÁNICO TÉCNICO. TECHNICAL PORCELAIN



| MEDIDA-<br>SIZE (mm) | NAT. R11 SILKTECH<br>NAT. R11 SILKTECH |        | LAP. R10 SILKTECH<br>LAP. R10 SILKTECH |        | ANTIDESLIZANTE<br>ANTI-SLIP |        |
|----------------------|----------------------------------------|--------|----------------------------------------|--------|-----------------------------|--------|
|                      | CÓDIGO                                 | GRUPO  | CÓDIGO                                 | GRUPO  | CÓDIGO                      | GRUPO  |
| 600x1200x10          | 29816                                  | G-1310 | 29105                                  | G-1315 | -                           | -      |
| 800x800x10           | 27201                                  | G-1310 | 27207                                  | G-1315 | -                           | -      |
| 600x600x10           | 27237                                  | G-1190 | 27240                                  | G-1195 | -                           | -      |
| 600x600x20*          | -                                      | -      | -                                      | -      | 36465                       | G-1285 |
| 300x600x10           | 36632                                  | G-1150 | 36638                                  | G-1155 | -                           | -      |

\*Serie NERA T20, piezas de espesor 20 mm. Ver página 255.  
\*NERA Serie T20, pieces of 20 mm thickness. See page 255.



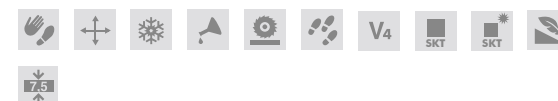
600x1200x7,5 mm  
24"x48"

800x800x7,5 mm  
32"x32"

600x600x7,5 mm  
24"x24"

300x600x7,5 mm  
12"x24"

PORCELÁNICO TÉCNICO. TECHNICAL PORCELAIN



| MEDIDA-SIZE (mm) | NATURAL R11 SILKTECH<br>NATURAL R11 SILKTECH |        | LAPPATO R10 SILKTECH<br>LAPPATO R10 SILKTECH |        |
|------------------|----------------------------------------------|--------|----------------------------------------------|--------|
|                  | CÓDIGO                                       | GRUPO  | CÓDIGO                                       | GRUPO  |
| 600x1200x7,5     | 29135                                        | G-1250 | 29138                                        | G-1255 |
| 800x800x7,5      | -                                            | G-1250 | -                                            | G-1255 |
| 600x600x7,5      | 29222                                        | G-1135 | 29225                                        | G-1155 |
| 300x600x7,5      | -                                            | G-1100 | -                                            | G-1105 |

MOSAICOS  
MOSAICS

MOSAICO 50X50 \*  
300x300 mm | 12"x12"



COLORES



BLANCO



BEIGE



TAUPE



GRIS



ANTRACITA

| COLORES | BLANCO  | BEIGE   | TAUPE   | GRIS    | ANTRACITA |
|---------|---------|---------|---------|---------|-----------|
| ACABADO | NATURAL | NATURAL | NATURAL | NATURAL | NATURAL   |
| CÓDIGO  | -       | -       | -       | -       | -         |
| GRUPO   | P - 63  | P - 63  | P - 63  | P - 63  | P - 63    |

MOSAICO 20X100 \*  
300x300 mm | 12"x12"



COLORES



BLANCO



BEIGE



TAUPE



GRIS

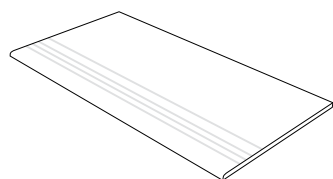
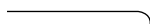


ANTRACITA

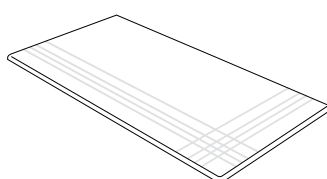
| COLORES | BLANCO  | BEIGE   | TAUPE   | GRIS    | ANTRACITA |
|---------|---------|---------|---------|---------|-----------|
| ACABADO | NATURAL | NATURAL | NATURAL | NATURAL | NATURAL   |
| CÓDIGO  | -       | -       | -       | -       | -         |
| GRUPO   | P - 73  | P - 73  | P - 73  | P - 73  | P - 73    |

\*Se realizan bajo pedido y el plazo de entrega será el indicado por el proveedor. Consulte pedido mínimo.  
\*They are made under request and the delivery time will be indicated by the supplier. Query minimum order.

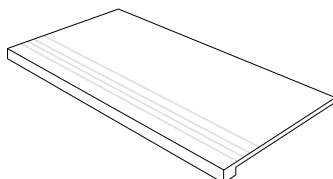
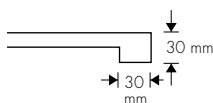
### PELDAÑOS · STEPS



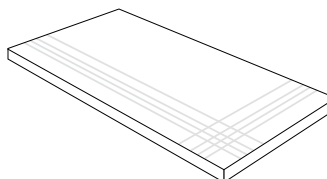
PELDAÑO CANTO ROMO CON HENDIDURAS



PELDAÑO ANGULAR CANTO ROMO CON HENDIDURAS



PELDAÑO TORELO CON HENDIDURAS

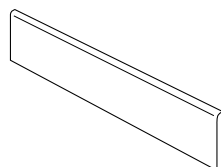


PELDAÑO TORELO ANGULAR CON HENDIDURAS

| PELDAÑOS. STEPS            | 300x600 | 600x600 | 800x800 | 600x1200 |
|----------------------------|---------|---------|---------|----------|
|                            | NAT/LAP | NAT/LAP | NAT/LAP | NAT/LAP  |
| PELDAÑO CANTO ROMO         | P - 61  | P - 81  | P - 100 | P - 110  |
| PELDAÑO ANGULAR CANTO ROMO | P - 74  | P - 82  | P - 110 | P - 115  |

| PELDAÑOS. STEPS        | 300x600 | 600x600 | 800x800 | 600x1200 |
|------------------------|---------|---------|---------|----------|
|                        | NAT/LAP | NAT/LAP | NAT/LAP | NAT/LAP  |
| PELDAÑO TORELO         | P - 110 | P - 115 | P - 220 | P - 250  |
| PELDAÑO TORELO ANGULAR | P - 145 | P - 160 | P - 260 | P - 265  |

### RODAPIÉS · SKIRTINGS



RODAPIÉ CANTO ROMO

| RODAPIÉS. SKIRTINGS | 90x600  | 90x800  | 90x1200 |
|---------------------|---------|---------|---------|
|                     | NAT/LAP | NAT/PUL | NAT/PUL |
| RODAPIÉ CANTO ROMO  | P - 41  | P - 53  | P - 67  |

# CARACTERÍSTICAS TÉCNICAS

## TECHNICAL CHARACTERISTICS

|                                                                                     |                                                                                                                         | NORMA DE ENSAYO.<br>TEST STANDARD<br>UNE-EN ISO | NORMA DE PRODUCTO.<br>PRODUCT STANDARD<br>ISO 13006  | VALORES PROMEDIO. AVERAGE VALUES<br>TODAGRES SERIE NERA                                                                                            |                                                                                                                                                    |                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
|                                                                                     |                                                                                                                         |                                                 |                                                      | NATURAL R11 SILKTECH                                                                                                                               | LAPADO R10 SILKTECH.<br>LAPPATO R10 SILKTECH                                                                                                       |                                      |
| CARACTERÍSTICAS DIMENSIONALES<br>DIMENSIONAL CHARACTERISTICS                        |                                                                                                                         |                                                 |                                                      |                                                                                                                                                    |                                                                                                                                                    |                                      |
|    | LONGITUD Y ANCHURA<br>LENGHT AND WIDTH                                                                                  | 10545-2                                         | ± 0,6 %                                              | ± 0,1 %                                                                                                                                            | ± 0,1 %                                                                                                                                            |                                      |
|    | GROSOR<br>THICKNESS                                                                                                     | 10545-2                                         | ± 5,0 %                                              | ± 5,0 %                                                                                                                                            | ± 5,0 %                                                                                                                                            |                                      |
|    | RECTITUD DE LOS LADOS<br>STRAIGHTNESS OF SIDES                                                                          | 10545-2                                         | ± 0,5 %                                              | ± 0,1 %                                                                                                                                            | ± 0,1 %                                                                                                                                            |                                      |
|    | ORTOGONALIDAD<br>RECTANGULARITY                                                                                         | 10545-2                                         | ± 0,6 %                                              | ± 0,2 %                                                                                                                                            | ± 0,2 %                                                                                                                                            |                                      |
|    | PLANITUD DE SUPERFICIE<br>SURFACE FLATNESS                                                                              | 10545-2                                         | ± 0,5 %                                              | ± 0,25 %                                                                                                                                           | ± 0,25 %                                                                                                                                           |                                      |
| PROPIEDADES FÍSICAS<br>PHYSICAL PROPERTIES                                          |                                                                                                                         |                                                 |                                                      |                                                                                                                                                    |                                                                                                                                                    |                                      |
|  | ABSORCIÓN DE AGUA<br>WATER ABSORPTION                                                                                   | 10545-3                                         | ≤ 0,5%                                               | < 0,1%                                                                                                                                             | < 0,1%                                                                                                                                             |                                      |
|  | FUERZA DE ROTURA (N)<br>BREAKING STRENGHT                                                                               | 10545-2                                         | Mín. 1300                                            | <div><div>2800</div><div>3000</div><div> SLM 1440</div></div> | <div><div>2800</div><div>3000</div><div> SLM 1440</div></div> |                                      |
|  | RESISTENCIA A LA FLEXIÓN (N/mm²)<br>MODULUS OF RUPTURE (N/mm²)                                                          | 10545-2                                         | Mín. 35                                              | 53                                                                                                                                                 | 53                                                                                                                                                 |                                      |
|  | RESISTENCIA A LA ABRASIÓN PROFUNDA (mm³)<br>RESISTANCE TO DEEP ABRASION (mm³)                                           | 10545-6                                         | Máx. 175                                             | 130                                                                                                                                                | 130                                                                                                                                                |                                      |
|  | COEFICIENTE DE DILATACIÓN TÉRMICA LINEAL (1/K)<br>COEFFICIENT OF LINEAR THERMAL EXPANSION (1/K)                         | 10545-8                                         | Método de ensayo disponible<br>Test method available | 6,3 x 10 <sup>-6</sup>                                                                                                                             | 6,3 x 10 <sup>-6</sup>                                                                                                                             |                                      |
|  | RESISTENCIA AL CHOQUE TÉRMICO<br>THERMAL SHOCK RESISTANCE                                                               | 10545-9                                         | Método de ensayo disponible<br>Test method available | Resiste<br>Resist                                                                                                                                  | Resiste<br>Resist                                                                                                                                  |                                      |
|  | EXPANSIÓN POR HUMEDAD (mm/m)<br>MOISTURE EXPANSION (mm/m)                                                               | 10545-10                                        | Método de ensayo disponible<br>Test method available | < 0,1%                                                                                                                                             | < 0,1%                                                                                                                                             |                                      |
|  | RESISTENCIA A LA HELADA<br>FROST RESISTANCE                                                                             | 10545-12                                        | Exigido<br>Required                                  | Resiste<br>Resist                                                                                                                                  | Resiste<br>Resist                                                                                                                                  |                                      |
|  | ÁNGULO CRÍTICO DE DESLIZAMIENTO<br>CRITICAL ANGLE OF SLIP                                                               | DIN 51130                                       | -                                                    | R11                                                                                                                                                | R10                                                                                                                                                |                                      |
|                                                                                     | COEFICIENTE DE FRICCIÓN DINÁMICO (DCOF)<br>DINAMYC FRICTION COEFFICIENT                                                 | ANSI A137.1:2012                                | -                                                    | > 50                                                                                                                                               | > 42                                                                                                                                               |                                      |
|  | DETERMINACIÓN DE LA RESISTENCIA AL DESLIZAMIENTO (MÉTODO DEL PÉNDULO)<br>SLIP RESISTANCE (PENDULUM METHOD)              | UNE-ENV 12633                                   | -                                                    | CLASE 3                                                                                                                                            | CLASE 2                                                                                                                                            |                                      |
|                                                                                     |                                                                                                                         | BS EN 13036-4                                   | -                                                    | > 45                                                                                                                                               | > 25                                                                                                                                               |                                      |
| PROPIEDADES QUÍMICAS<br>CHEMICAL PROPERTIES                                         |                                                                                                                         |                                                 |                                                      |                                                                                                                                                    |                                                                                                                                                    |                                      |
|  | RESISTENCIA A PRODUCTOS DE LIMPIEZA Y ADITIVOS PARA PISCINA<br>RESISTANCE TO HOUSEHOLD CHEMICAL AND SWIMMING POOL SALTS | 10545-13                                        | Mín. b                                               | A                                                                                                                                                  | A                                                                                                                                                  |                                      |
|  | RESISTENCIA A BAJAS CONCENTRACIONES<br>RESISTANCE TO LOW CONCENTRATIONS                                                 | ÁCIDOS.<br>ACIDS                                | 10545-13                                             | Indicado por el fabricante<br>Indicated by the manufacturer                                                                                        | LA                                                                                                                                                 | Según el color<br>Depending on color |
|                                                                                     |                                                                                                                         | BASES.<br>ALKALIS                               | 10545-13                                             |                                                                                                                                                    | LA                                                                                                                                                 | Según el color<br>Depending on color |
|  | RESISTENCIA A ALTAS CONCENTRACIONES<br>RESISTANCE TO HIGH CONCENTRATIONS                                                | ÁCIDOS.<br>ACIDS                                | 10545-13                                             | Método de ensayo disponible<br>Test method available                                                                                               | HA                                                                                                                                                 | Según el color<br>Depending on color |
|                                                                                     |                                                                                                                         | BASES.<br>ALKALIS                               | 10545-13                                             |                                                                                                                                                    | HA                                                                                                                                                 | Según el color<br>Depending on color |
|  | RESISTENCIA A LAS MANCHAS<br>RESISTANCE TO STAINING                                                                     | 10545-14                                        | Método de ensayo disponible<br>Test method available | 5                                                                                                                                                  | 5                                                                                                                                                  |                                      |