



**Waxman Ceramics**  
Architectural Tiles



CS

**series**

**CASCADE**

unglazed porcelain stoneware  
UNI EN14411  
group B1a UGL

Available in  
20mm thickness



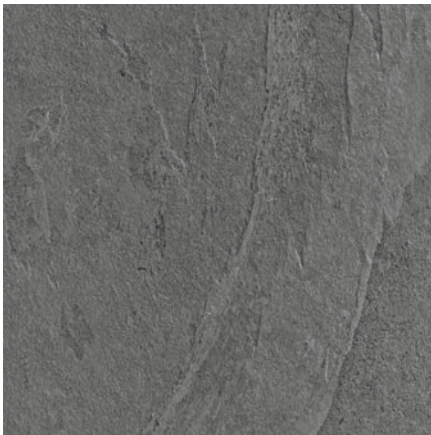
# COLOURS



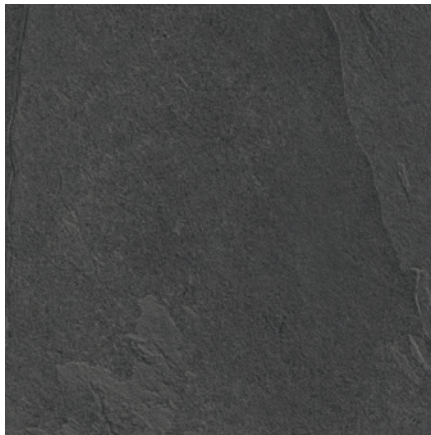
CS-21  
Sand



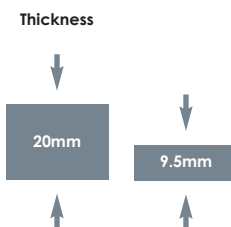
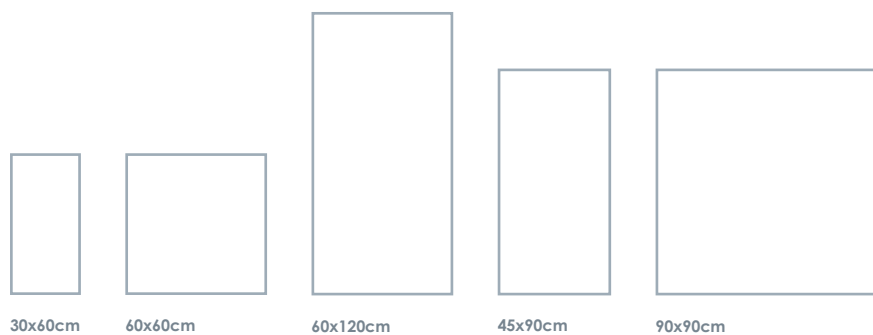
CS-22  
Cement



CS-23  
Graphite



CS-24  
Black



# MOSAIC 50

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**CS-21 Sand Mosaic 50**  
30x30cm



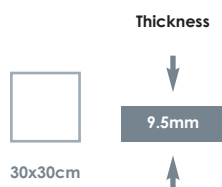
**CS-22 Cement Mosaic 50**  
30x30cm



**CS-23 Graphite Mosaic 50**  
30x30cm

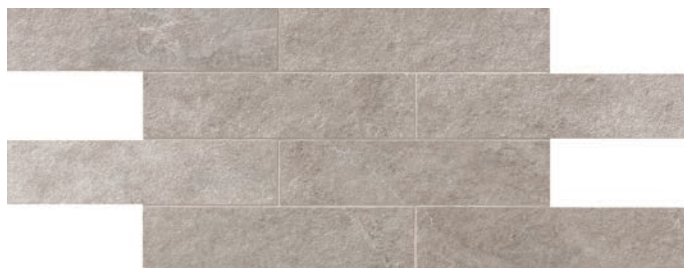


**CS-24 Black Mosaic 50**  
30x30cm



Available in Lappato finish only

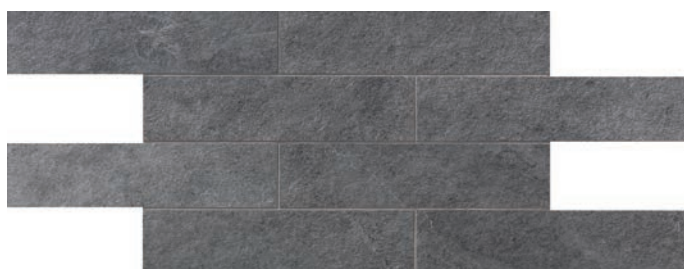
BRICK



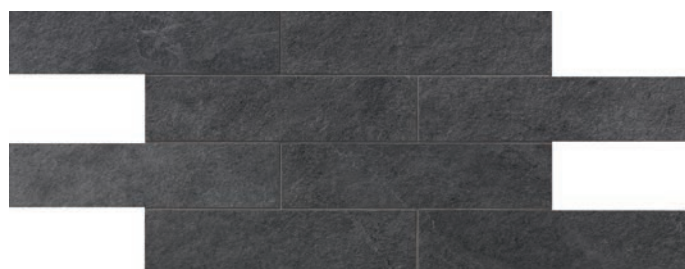
CS-21 Sand Brick  
30x60cm



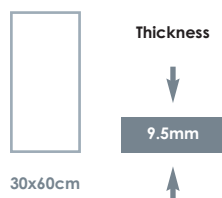
CS-22 Cement Brick  
30x60cm



CS-23 Graphite Brick  
30x60cm



CS-24 Black Brick  
30x60cm



Available in Lappato finish only

DECORS



CS-21 Sand Linea  
30x60cm



CS-22 Cement Linea  
30x60cm



CS-23 Graphite Linea  
30x60cm



CS-24 Black Linea  
30x60cm



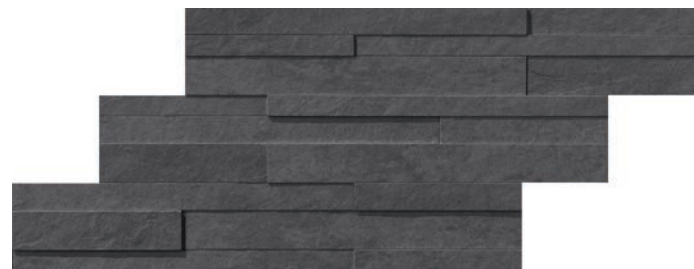
CS-21 Sand Linea 3D  
30x60cm



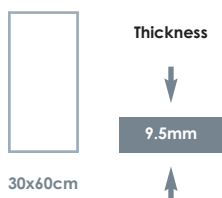
CS-22 Cement Linea 3D  
30x60cm



CS-23 Graphite Linea 3D  
30x60cm



CS-24 Black Linea 3D  
30x60cm



Available in Lappato finish only

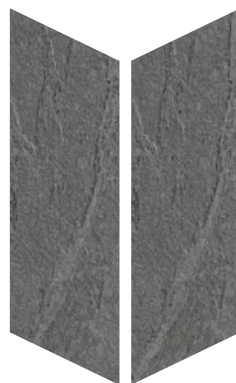
## DECORS



CS-21 Chevron Sand



CS-22 Chevron Cement



CS-23 Chevron Graphite



CS-24 Chevron Black



16.9x39.2cm  
Left



16.9x39.2cm  
Right



14.5x49.8cm

Thickness



9.5mm



Available in Lappato finish only

FINISHES



Natural

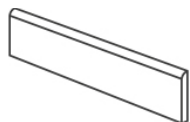
| Slip Resistance |     |     |
|-----------------|-----|-----|
|                 | R10 | +36 |
|                 | B   |     |

Lappato

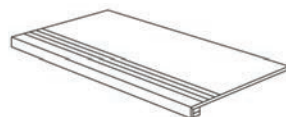
Anti-Slip

| Slip Resistance |     |     |
|-----------------|-----|-----|
|                 | R11 | +36 |
|                 | C   | +40 |

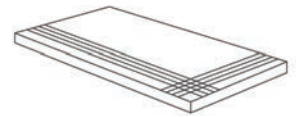
SPECIAL PIECES



Skirting  
10x60cm



Step tread with lip  
35x120cm, 35x60cm



Step tread with lip corner  
35x120cm, 35x60cm

## SIZES



| SIZE      |          | 30x60cm<br>Rectified | 60x60cm<br>Rectified | 60x120cm<br>Rectified | 45x90cm<br>Rectified | 90x90cm<br>Rectified |
|-----------|----------|----------------------|----------------------|-----------------------|----------------------|----------------------|
| THICKNESS |          | 9.5mm                | 9.5mm                | 9.5mm                 | 9.5mm                | 9.5mm                |
| CS-21     | Sand     | ● ●                  | ● ● ●                | ● ●                   | ● ●                  | ● ●                  |
| CS-22     | Cement   | ● ●                  | ● ● ●                | ● ●                   | ● ●                  | ● ●                  |
| CS-23     | Graphite | ● ●                  | ● ● ●                | ● ●                   | ● ●                  | ● ●                  |
| CS-24     | Black    | ● ●                  | ● ● ●                | ● ●                   | ● ●                  | ● ●                  |

● Natural ● Lappato ● Anti-Slip



| SIZE      |          | 45x90cm<br>Rectified |
|-----------|----------|----------------------|
| THICKNESS |          | 20mm                 |
| CS-21     | Sand     | ●                    |
| CS-22     | Cement   | ●                    |
| CS-23     | Graphite | ●                    |
| CS-24     | Black    | ●                    |

● Anti-Slip





CS-21 Sand Natural - 60x60cm



CS-21 Sand Linea 3D - 30x60cm



CS-22 Cement Lappato - 90x90cm



CS-22 Cement Linea - 30x60cm





CS-22 Cement Lappato - 60x120cm



CS-23 Graphite Lappato - 60x120cm



CS-23 Graphite Brick - 30x60cm



CS-23 Graphite Chevron Decor - 30x60cm








CS-24 Black Lappato - 30x60cm / CS-24 Black Lappato - 60x60cm / CS-24 Black Mosaic 50 - 30x30cm



CS-24 Black Mosaic 50 - 30x30cm

# TECHNICAL FEATURES

|   | Norm Standards   | Test results  |
|---|--|---|
|  Product Classification  | UNI EN 14411-G<br>ISO 13006  | Group B1a UGL fully vitrified   |
|  Dimensional and surface quality                                 | UNI EN ISO 10545-2   | Conforms  |
|  Water absorption  | UNI EN ISO 10545-3   | 0.5%  |
|  Flexural strength   | UNI EN ISO 10545-4   | $\geq 50\text{N/mm}^2$  |
|  Frost resistance  | UNI EN ISO 10545-12  | Resistant   |
|  Resistance to acids and alkalis<br>(except hydrofluoric acid) | UNI EN ISO 10545-13  | Resistant   |
|  Deep abrasion resistance                                      | UNI EN ISO 10545-6   | $\leq 145\text{mm}^3$   |
|  Linear thermal expansion                                      | UNI EN ISO 10545-8   | $\leq 7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$  |
|  Stain resistance  | UNI EN ISO 10545-14  | Resistant   |
|  Slip resistance   | DIN 51130<br><br>DIN 51097<br><br>PTV (shod)<br><br>PTV (barefoot) | R10 (Natural)<br>R11 (Anti-Slip)<br><br>A + B (Natural)<br>A + B + C (Anti-Slip)<br><br>+36 (Natural)<br>+36 (Anti-Slip)<br><br>+40 (Anti-Slip) |

# Waxman Ceramics Architectural Tiles

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REF: 20/02