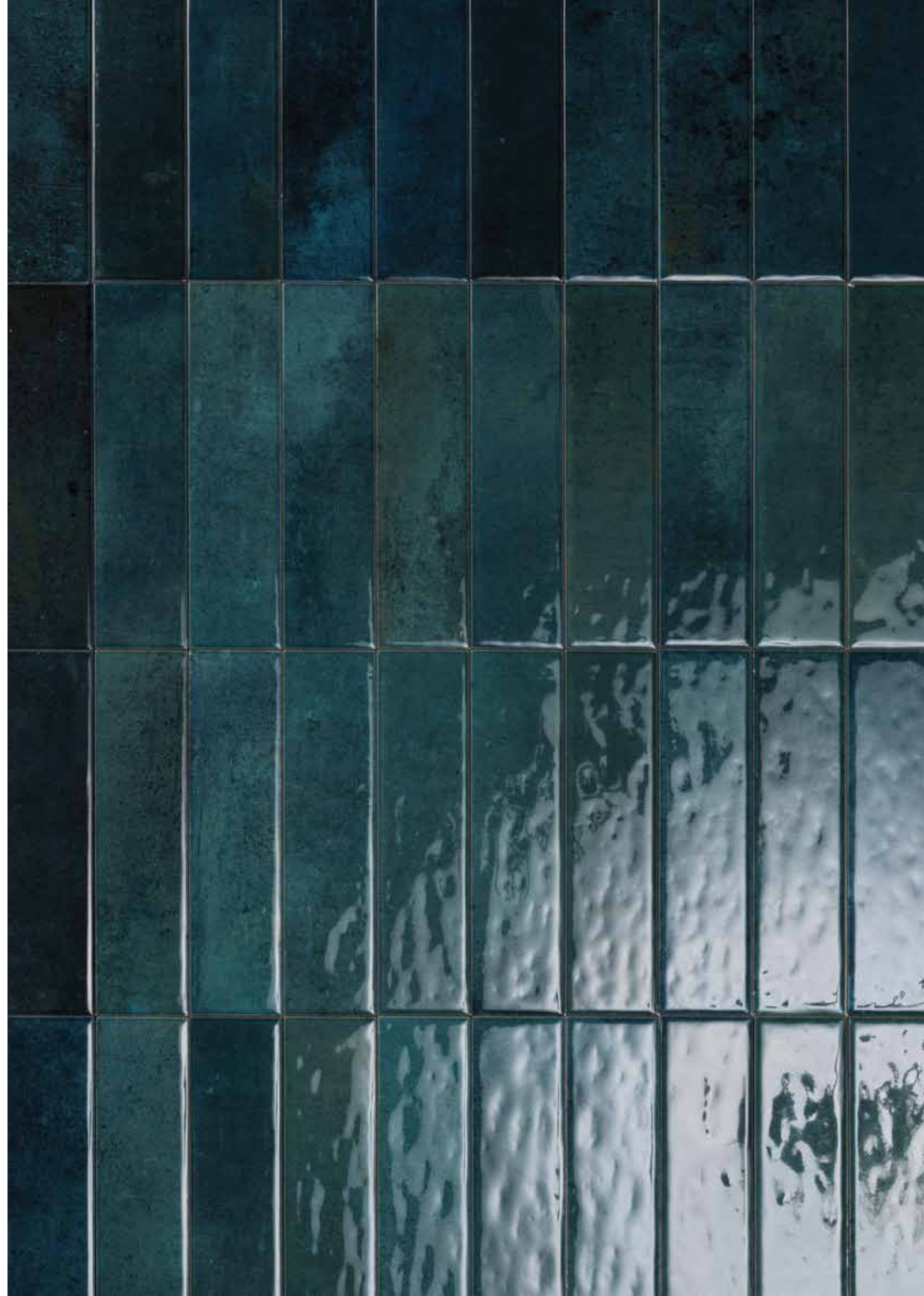




# PORTOFINO

Glossy bricks and mosaics, inspired by the vibrant colors of Portofino, bring a playful, Mediterranean flair to any space. The smooth, reflective surface of these tiles captures the essence of the seaside village, with hues of turquoise, coral, and sunny yellow mirroring the shimmering waters and charming buildings of this coastal paradise. Whether arranged in bold patterns or soft gradients, these glossy tiles create an eye-catching, dynamic atmosphere, infusing interiors with the lively, carefree spirit of Portofino's stunning landscape and rich cultural heritage.









Wall: Portofino Mosaic Ocean 2.5x2.5 cm



Wall: Portofino Brick Musk





Wall: Portofino Salvia, Portofino Sand, Portofino White  
Portofino White 10x10 Cm Glued, Portofino Sand 10x10 cm  
Floor: Portofino White 60x60 cm





Wall: Portofino Brick Sand,  
Portofino Musk 10x10 cm



Wall: Portofino Brick White,  
Portofino Brick Corallo





Wall: Portofino Brick Pink, Portofino Brick Corallo  
Floor: Creative Concrete Beige 120x120 cm





Wall: Portofino Brick Greige,  
Portofino Mosaic Ocean 2.5x2.5 cm  
Floor: Portofino Brick Greige 60x60 cm





Wall: Portofino Brick Sand,  
Portofino Mosaic White 2.5x2.5 cm



Wall: Portofino Mosaic  
Salvia 5x5 cm





Wall: Portofino Brick Blue,  
Portofino Brick Green





# PORTOFINO

Glossy • Straight • Light Structure

PORTOFINO BRICK WHITE



PORTOFINO BRICK PINK



PORTOFINO BRICK SALVIA



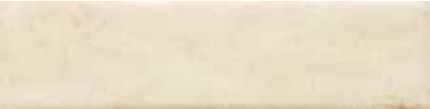
PORTOFINO BRICK GREEN



PORTOFINO BRICK OCEAN



PORTOFINO BRICK SAND



PORTOFINO BRICK CORALLO



PORTOFINO BRICK MUSK



PORTOFINO BRICK BLUE



PORTOFINO BRICK GREIGE



| COLOR   | SURFACE | 6.5X26 cm ( 2.55"X10.23" ) |
|---------|---------|----------------------------|
| WHITE   | GLOSSY  | A42WPTFN-WHE.H6XOU         |
| SAND    | GLOSSY  | A42WPTFN-SND.H6XOU         |
| PINK    | GLOSSY  | A42WPTFN-PIK.H6XOU         |
| CORALLO | GLOSSY  | A42WPTFN-CRA.H6XOU         |
| SALVIA  | GLOSSY  | A42WPTFN-SLV.H6XOU         |
| MUSK    | GLOSSY  | A42WPTFN-MUK.H6XOU         |
| GREEN   | GLOSSY  | A42WPTFN-GRE.H6XOU         |
| BLUE    | GLOSSY  | A42WPTFN-BLE.H6XOU         |
| OCEAN   | GLOSSY  | A42WPTFN-OCN.H6XOU         |
| GREIGE  | GLOSSY  | A42WPTFN-GRG.H6XOU         |



# PORTOFINO

Glossy • Straight • Smooth / Light Structure

PORTOFINO WHITE  
10X10 GLUED



PORTOFINO SAND  
10X10 GLUED



PORTOFINO MUSK  
10X10 GLUED



PORTOFINO BLUE  
10X10 GLUED



PORTOFINO MOSAIC  
WHITE 5X5



PORTOFINO MOSAIC  
GREIGE 5X5



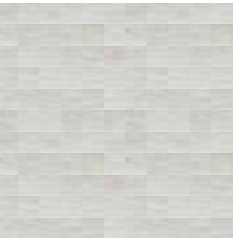
PORTOFINO MOSAIC  
SALVIA 5X5



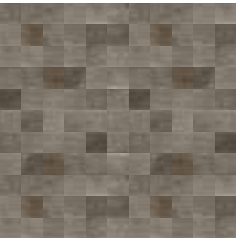
PORTOFINO MOSAIC  
OCEAN 5X5



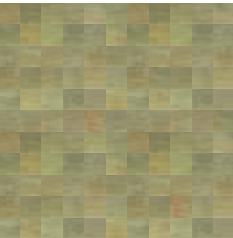
PORTOFINO MOSAIC  
WHITE 2.5X2.5



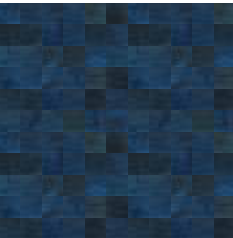
PORTOFINO MOSAIC  
GREIGE 2.5X2.5



PORTOFINO MOSAIC  
SALVIA 2.5X2.5



PORTOFINO MOSAIC  
OCEAN 2.5X2.5

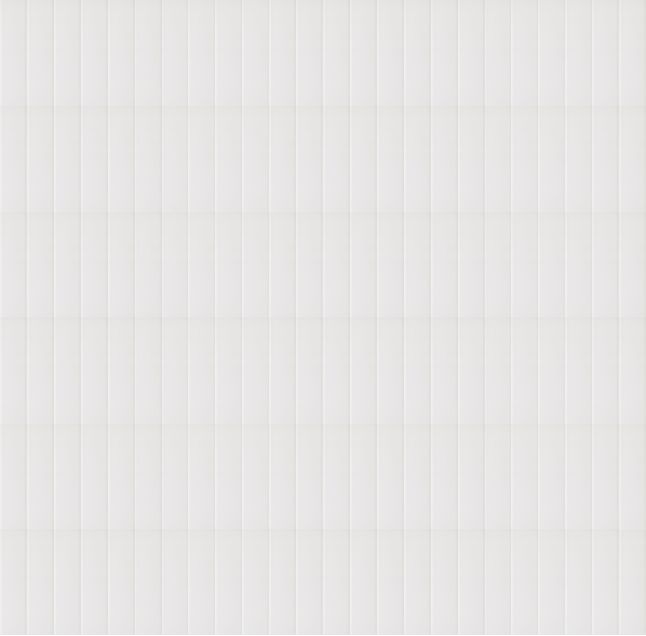


| COLOR  | SURFACE | Smooth<br>32X32 cm ( 12.59"X12.59" )<br>10X10 CM | Light Structure<br>31X31 cm ( 12.2"X12.2" )<br>5X5 CM | Light Structure<br>29.7X29.7 cm ( 11.69"X11.69" )<br>2.5X2.5 CM |
|--------|---------|--|---|---|
|        |         |  |   |   |
| WHITE  | GLOSSY  | A10SPTFN-WHE.H6XOT                               | AM2SPTFN-WHE.HOXOU                                    | AM1SPTFN-WHE.HOXOU  |
| SAND   | GLOSSY  | A10SPTFN-SND.H6XOT                               | -   | -   |
| MUSK   | GLOSSY  | A10SPTFN-MUK.H6XOT                               | -   | -   |
| SALVIA | GLOSSY  | -  | AM2SPTFN-SLV.HOXOU                                    | AM1SPTFN-SLV.HOXOU  |
| BLUE   | GLOSSY  | A10SPTFN-BLE.H6XOT                               | -   | -   |
| OCEAN  | GLOSSY  | -  | AM2SPTFN-OCN.HOXOU                                    | AM1SPTFN-OCN.HOXOU  |
| GREIGE | GLOSSY  | -  | AM2SPTFN-GRG.HOXOU                                    | AM1SPTFN-GRG.HOXOU  |



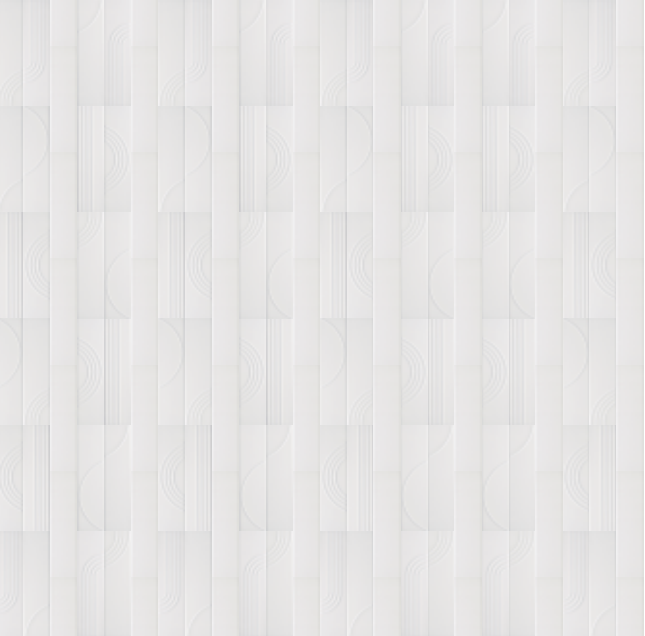
# BRICK TILE PATTERNS

LAYING SOLUTION 1



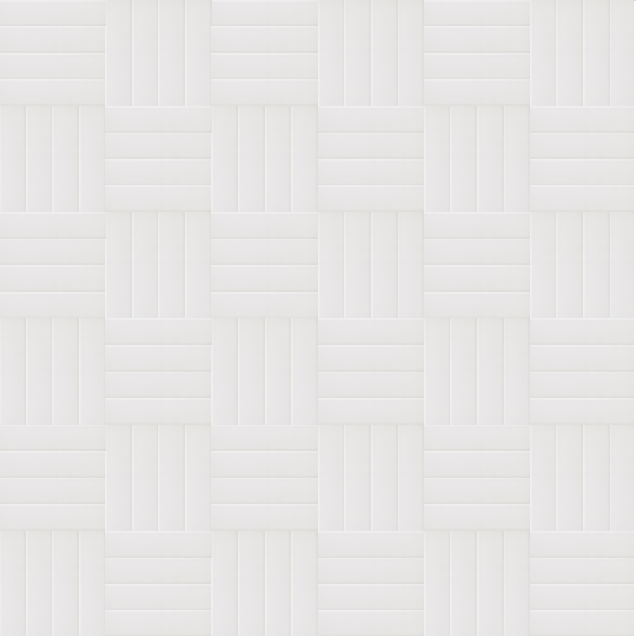
Vertical stacked  
6.5X26 cm

LAYING SOLUTION 2



Stepped vertical plain,  
alternate to vertical stacked décor  
6.5X26 cm

LAYING SOLUTION 1



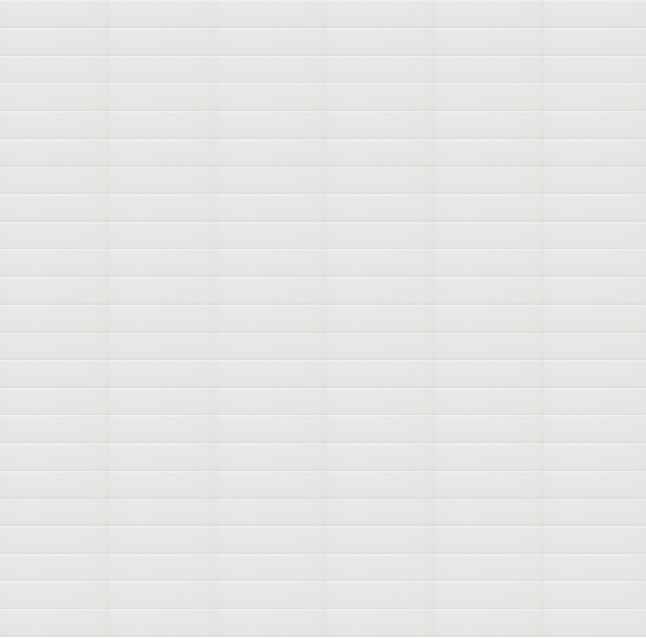
Basket weave  
6.5X26 cm

LAYING SOLUTION 2



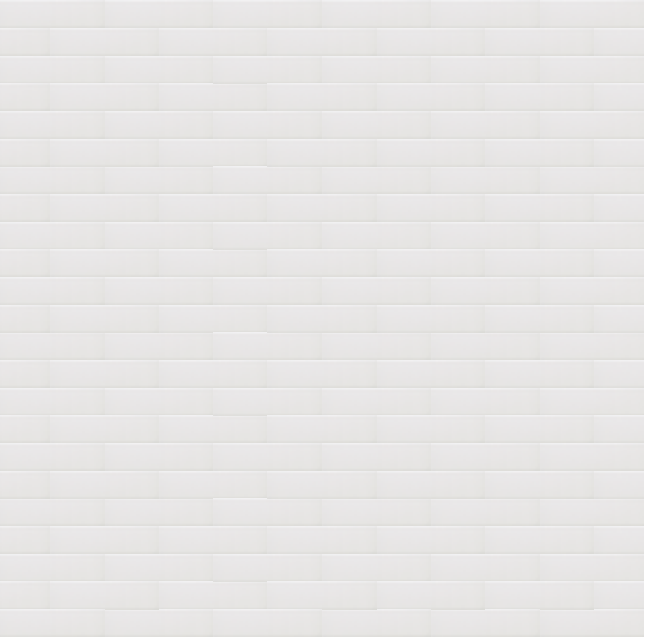
Herringbone 45° color mix  
6.5X26 cm

LAYING SOLUTION 1



Horizontal stacked  
6.5X26 cm

LAYING SOLUTION 2



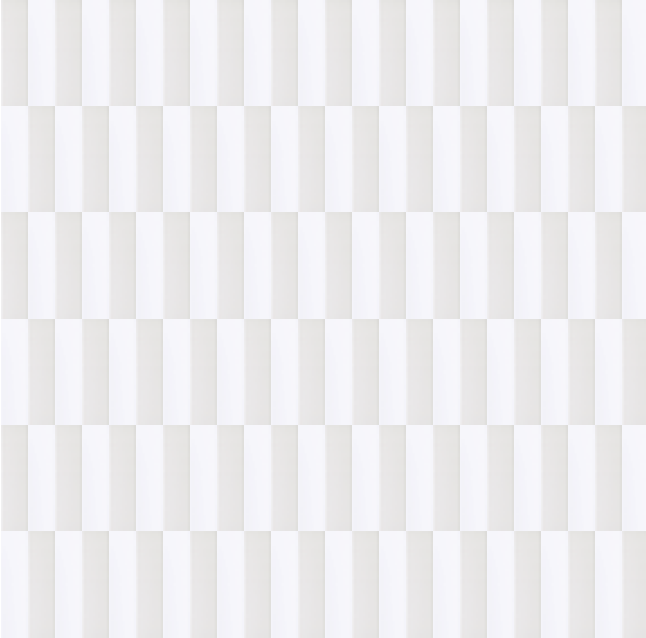
Stepped horizontal  
6.5X26 cm

LAYING SOLUTION 1



Bordered stack color mix  
6.5X26 cm

LAYING SOLUTION 2



Checkerboard  
6.5X26 cm



TECHNICAL FEATURES

WHITE BODY CERAMIC TILES (BIII):

White body Ceramic tiles are made with finest quality clays and with chamotte (a ceramic raw material with high percentage of silica). These raw materials are submitted to dry grinding and suitably mixed and wet and then pressed with hydraulic presses. Quick-cycle support firing is obtained via roller kilns reaching temperatures of approximately 1130 °C. After biscuit glazing, the vitrified product is sintered in a single-layer roller kiln at approximately 1030 °C. The resulting wall tiles have an average bending strength that is higher than 16 N/mm2 in accordance with the UNI EN ISO10545-4 standard test method and a water absorption level that is higher than 10 %; they belong to the BIII (GL) group according to the International Standard ISO 13006 and UNI EN 14411 standard. This class of products shows virtually no shrinkage during firing; therefore such dimensional consistency results in extremely easy laying.















ADVICE ON LAYING

White body tiles can be laid using either tile adhesives or cement mortar. Under no circumstances should the tiles be wet before laying when using acrylic or vinyl resin based adhesives or two- component organic solvent based adhesives. When laying large sized tiles it is best to adopt the two layer spreading method and, when the laying surface is very large, to provide for suitable expansion joints which must not be spaced more than 4-5 linear meters apart from one another.

IMPORTANT POINTS TO REMEMBER WHILE LAYING THESE TILES

When laying on wet concrete or plaster, leave to dry for at least one week for each centimetre of thickness. When laying on brick, never lay on tile adhesive measuring more than 4-5 mm in thickness. For laying on flexible supports (for example plasterboard panels, polymer panels, etc.) which may result in movement of the tiles, we advise laying on tile adhesive measuring no more than 2-3 mm in thickness and to use class C2 or D1 glues. For laying on waterproof brick, which prevents the release of damp, we advise laying on tile adhesive measuring no more than 3 mm in thickness and to use class C2 or D1 glues. Avoid laying without expansion joints or joints where stress due to expansion is released directly onto the tile.

TECHNICAL CHARACTERISTICS - WHITE BODY CERAMIC TILES (BIII)

|   | Test Description               | Standard Test Method | International Standard ISO 13006     | RAK Ceramics Specifications |
|---|--------------------------------|----------------------|--------------------------------------|-----------------------------|
|    | Length & Width                 | BS EN ISO 10545-2    | +/- 0.5%                             | +/- 0.3%                    |
|    | Thickness                      | BS EN ISO 10545-2    | +/-10%                               | +/- 5.0%                    |
|    | Rectangle Squareness           | BS EN ISO 10545-2    | +/- 0.5%                             | +/- 0.4%                    |
|    | Straightness of sides          | BS EN ISO 10545-2    | +/- 0.5%                             | +/- 0.3%                    |
|    | Surface Flatness               | BS EN ISO 10545-2    | +/- 0.5%                             | +/- 0.3%                    |
|    | Water Absorption               | BS EN ISO 10545-3    | 10% < E <= 20%                       | 10% <E <= 18%               |
|   | Modulus of Rupture             | BS EN ISO 10545-4    |                                      |                             |
|   | Thickness > = 7,5mm            |                      | >=12 N/mm2                           | >=16 N/mm2                  |
|   | Thickness < = 7,5mm            |                      | >=15 N/mm2                           | >=16 N/mm2                  |
|  | Breaking Strength              | BS EN ISO 10545-4    |                                      |                             |
|   | Thickness > = 7,5mm            |                      | >=600N                               | >=650N                      |
|   | Thickness < = 7,5mm            |                      | >=200N                               | >=400N                      |
|  | Resistance to surface abrasion | BS EN ISO 10545-7    | Manufacturer to state Abrasion Class | Class 2 - 4                 |
|  | Resistance to Thermal Shock    | BS EN ISO 10545-9    | No visible defect                    | No visible defect           |
|  | Crazing Resistance             | BS EN ISO 10545-11   | No crazing                           | No crazing                  |
|  | Resistance to chemicals        | BS EN ISO 10545-13   | No visible effect                    | No visible effect           |
|  | Resistance to stains           | BS EN ISO 10545-14   | Manufacturer to state class          | Stain removed Min. class 4  |
|  | Scratch Hardness : (Moh's)     | EN 101               | -                                    | 4 - 6                       |

**Note :** Shade variation across the batches is inherent to the manufacturing process and the pre-laying colour comparison is recommended



TECHNICAL FEATURES















GRES WHITE BODY TILES (BIIA) :

Gres white body tiles are created by mixing raw materials including high quality white or red clays, quartz and feldspar in wet grinding ball mills. After grinding, a clay-based suspension of these materials called a slip is fed out of the mill then spray-dried to remove excess moisture. Following the spray drying process, the free flowing powder is pressed using advanced hydraulic presses with a specific pressing power exceeding 300 kg/cm2 in order to obtain a compact gres body. Once dried, the tiles are coated and decorated with glazes to make them aesthetically pleasing and meet our customers design requirements. The glazed tile body is then fired in roller kilns where temperatures of approximately 1200 °C are reached. The resulting product is normally a medium-to-low porosity (3% to 5%) tile, in compliance with the International Standard ISO 13006 and European Standard UNI EN 14411 standard and rated as belonging to the BIla GL group with notable technological specifications such as the product flexural strength (average value: 30N/mm2 according to UNI EN ISO 10545-4 standard test method). As for wear resistance, this will depend on the type and colour of glazing and may change according to different products or collections. As a general rule, bright finishes are not recommended for heavy traffic floors or rooms opening onto outdoor areas, where sand or other abrasive materials are more likely to be brought in.

ADVICE ON LAYING

Our gres white body tiles can be laid using either traditional cement mortar or modern tile adhesives. When laying large size tiles, it is best to adopt the two-layer spreading system to ensure the adhesive is spread over 90 % of the tile surface. Quickly dipping each tile in water before installation will remove any dust on the back of the tile for perfect adhesion, however, do not wet the tiles if you are using vinyl, acrylic resin adhesives or two-component organic-solvent based adhesive. It is advisable to always incorporate suitable shrinkage-flexion joints (movement/expansion joints) which must not be spaced more than 4-5 metres apart from one another. These joints must be inserted not only between the tiles, but also reach the levelling compound below, consisting of either cement mortar or dry compound, depending on whether the tiles are set in the traditional manner or using a modern adhesive. The movement joints must be sealed with appropriate materials such as silicone or polyurethane-based sealants, depending on the anticipated traffic of the application area. Appropriate tile bedding layers should be used such as underlay, damp course, vapour barrier or any other layer necessary to prevent the tiles from detaching themselves or cracking due to water penetration.

TECHNICAL CHARACTERISTICS - GRES WHITE BODY TILES (BIIA)

|   | Test Description               | Standard Test Method | International Standard ISO 13006     | RAK Ceramics Specifications |
|---|--------------------------------|----------------------|--------------------------------------|-----------------------------|
|    | Length & Width                 | BS EN ISO 10545-2    | +/- 0.6%                             | +/- 0.3%                    |
|    | Thickness                      | BS EN ISO 10545-2    | +/- 5.0%                             | +/- 5.0%                    |
|    | Rectangle Squareness           | BS EN ISO 10545-2    | +/- 0.5%                             | +/- 0.4%                    |
|    | Straightness of sides          | BS EN ISO 10545-2    | +/- 0.5%                             | +/- 0.3%                    |
|    | Surface Flatness               | BS EN ISO 10545-2    | +/- 0.5%                             | +/- 0.4%                    |
|   | Water Absorption               | BS EN ISO 10545-3    | 3% < E <= 6%                         | 3% <E <= 5%                 |
|  | Modulus of Rupture             | BS EN ISO 10545-4    | >=22 N/mm2                           | >=30 N/mm2                  |
|  | Breaking Strength              | BS EN ISO 10545-4    |                                      |                             |
|   | Thickness > = 7,5mm            |                      | >=1000N                              | >=1100N                     |
|   | Thickness < = 7,5mm            |                      | >=600N                               | >=800N                      |
|  | Resistance to surface abrasion | BS EN ISO 10545-7    | Manufacturer to state Abrasion Class | Class 2 - 4                 |
|  | Resistance to Thermal Shock    | BS EN ISO 10545-9    | No visible defect                    | No visible defect           |
|  | Crazing Resistance             | BS EN ISO 10545-11   | No crazing                           | No crazing                  |
|  | Resistance to chemicals        | BS EN ISO 10545-13   | No visible effect                    | No visible effect           |
|  | Resistance to stains           | BS EN ISO 10545-14   | Manufacturer to state class          | Stain removed Min. class 4  |
|  | Scratch Hardness : (Moh's)     | EN 101               | -                                    | 4 - 6                       |

**Note :** Shade variation across the batches is inherent to the manufacturing process and the pre-laying colour comparison is recommended



# Product Guide

## ICONS

### COLOUR VARIATIONS



**V1**  
EVEN

The least amount of shade variation attainable.



**V2**  
LIGHT

Light to moderate shade variation within each carton.



**V3**  
MEDIUM

Medium to high shade variation within each carton.

### INDICATIONS FOR USE



WALL  
TILES



FLOOR  
TILES

### SUGGESTED APPLICATIONS



DOMESTIC  
PURPOSE

Residential areas, hotel rooms, bathrooms



LIGHT  
COMMERCIAL  
TRAFFIC AREA

Indoor public areas subject to medium pedestrian traffic such as restaurants, bars, offices, shops, hotel public areas, convention rooms.



OUTDOOR

Outdoor public environments subject to medium pedestrian traffic such as outdoor terraces, stairs, corridors, raised paving, private garden, swimming pool and wellness areas. Always check the slipperiness characteristics according to the intended environment, in conformity with applicable regulations or laws.



HEAVY  
COMMERCIAL  
TRAFFIC AREA

Industrial floors such as warehouses, deposits, factories.

## Contact

RAK CERAMICS  
P.O. Box 4714, Ras Al Khaimah,  
United Arab Emirates (U.A.E.)  
Tel.: +971 7 2467000  
Fax: +971 7 2445270  
Email : info@rakceramics.com

**RAKCERAMICS.COM**

NOTE: In printing, colour of the products may differ slightly from actual, pictures are only for reference.



**RAK**  
CERAMICS