



OTTO

— TILES & DESIGN —

Zellige & Bejmat

INSTALLATION
AND
MAINTENANCE
GUIDE

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Welcome to Otto Tiles & Design

Otto Tiles & Design is a contemporary tile company with a rustic touch and the provider of unparalleled quality artisan tiles.

Our Mission

At Otto Tiles, we design and create handcrafted tiles that blend heritage, artistry, and modern aesthetics. Our mission is to bring meaningful beauty into homes and spaces around the world —one tile at a time— while honoring the artisans behind each piece and inspiring connection through design.

Our Vision

With Turkish roots, Otto Tiles aims to become the world's most soulful design brand bridging the East and West. Reviving timeless craftsmanship, celebrating cultural heritage, and transforming everyday spaces into living works of art.

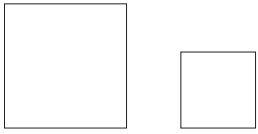


Otto Zellige and Bejmat Tiles are Suitable for

- Walls
- Floors
- Wet areas
- Fireplaces
- Indoor
- Outdoor
- Use with underfloor heating
- Splash backs
- Pools

Handmade Zellige and Bejmat Tile Sizes

ZELLIGE TILES



4 x 4 x 0.4 inch
(10 x 20 x 1.2 cm)

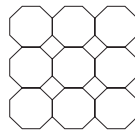
2 x 2 x 0.4 inch
(5 x 5 x 1.2 cm)

BEJMAT TILES



5.5 x 2.07
(14 x 4.5 x 2 cm)

OCTAGON ZELLIGE

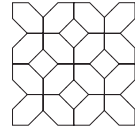


Octagon Size: 4 x 4 x 0.4 inch
(10 x 10 x 1.2 cm)

Small Squares: 1.1 x 1.1 x 0.4 inch
(3.3 x 3.3 x 1.2 cm)

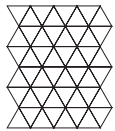
Mesh Size: 12.5 x 12.5 x 0.4 inch
(32 x 32 x 1.2 cm)

MOSAIC ZELLIGE



Mesh Size: 12 x 12 x 0.4 inch
(28 x 28 x 1.2 cm)

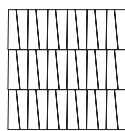
TRIANGLE ZELLIGE



1 Piece: 2 x 2 x 0.4 inch
(5 x 5 x 1.2 cm)

Mesh Size: 12 x 9.8 x 0.4 inch
(30 x 25 x 1.2 cm)

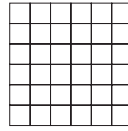
TRAPEZOID ZELLIGE



1 Piece: 4 x 1.1-0.7 x 0.4 inch
(10 x 3-2 x 1.2 cm)

Mesh Size: 11.8 x 11.8 x 0.4 inch
(30 x 30 x 1.2 cm)

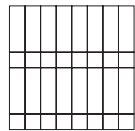
STRIPES ZELLIGE



1 Piece: 2 x 2 x 0.4 inch
(5 x 5 x 1.2 cm)

Mesh Size: 12 x 12 x 0.4 inch
(30 x 30 x 1.2 cm)

MARRAKESH STRIPES



Rectangle Size: 4 x 1.1 x 0.4 inch
(10 x 3 x 1.2 cm)

Small Squares: 1.1 x 1.1 x 0.4 inch
(3 x 3 x 1.2 cm)

Mesh Size: 12.5 x 12.5 x 0.4 inch
(26 x 26 x 1.2 cm)

*Any customized size can be produced



Ingredients / Composition

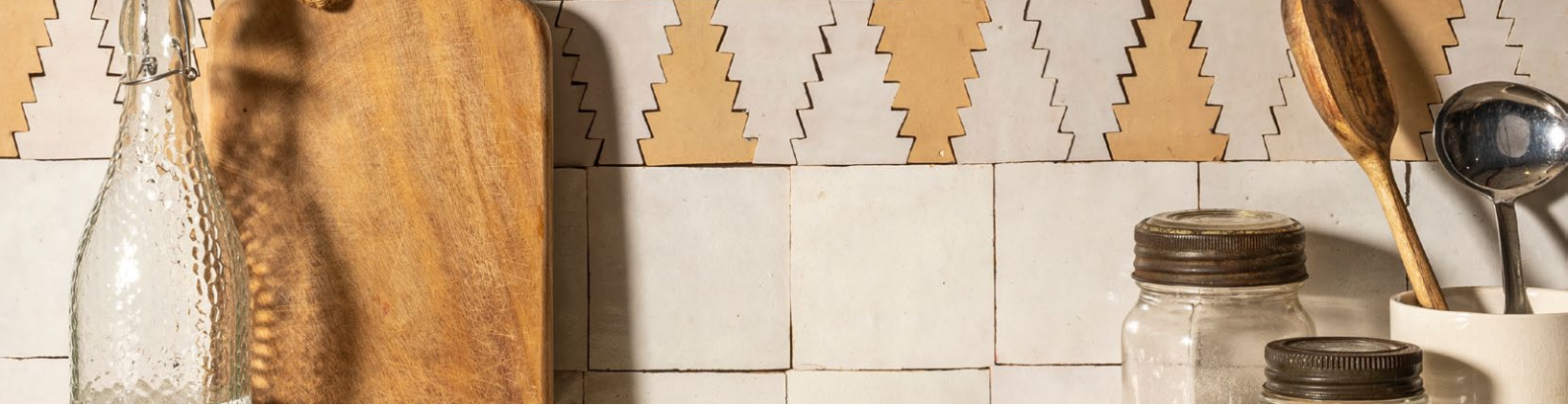
- Otto Zellige and Bejmat tiles are handmade from natural clay and mineral glazes.
- Tiles are fired using traditional kiln methods.
- Due to these production techniques, no two are identical, each tile is unique in tone, shape, and texture.
- This contributes to the natural character and beauty of the final installation.

Welcoming Your Otto Tiles

- Upon receiving your tiles, blend them from multiple boxes to ensure an even distribution of color and texture.
- Slight irregularities, such as edge chips, glaze pooling, and tonal differences, are expected and part of the character of handmade tiles.
- We recommend ordering at least 15% more than your measured area to account for cuts, on-site selection, and potential breakage.







Preparation

- Ensure the substrate is level, clean, dry, and free from oil, dust, or debris.
- Apply a suitable waterproof membrane for wet area installations.
- If using underfloor heating, turn the system off at least 12 hours before tiling begins.
- Use a flexible, high-bond adhesive appropriate for the substrate and tile material.
Due to the high heat, there is a small risk of cracks on the tiles.
- Do not stack heavy objects on the tiles prior to installation.







Installation Tips

- Install tiles with minimal spacing, ideally no more than 0.11 inch (1 mm).
- Zellige tiles should be laid as closely together as possible. The maximum gap between them shouldn't be more than 0.11 inch (1 mm). As these hand-made tiles are not precisely formed, there will always be small irregular gaps between them, which must be filled with grout later.
- As the spaces between the tiles to be filled with grout are tiny, you should use a very liquid and runny grout.
- Slight gaps and edge variation are natural and expected.
- Apply a double spread (two layers) of adhesive. Using two layers of adhesive will give you more ability to adjust the positioning of the zellige tiles. The adhesive or mortar should be about 0.1 inch (3 mm) thick. This allows you to achieve a pleasing surface without sharp edges. You can apply the adhesive both to the wall/floor and to the tile.
- Use a diamond blade wet saw for cuts, placing the tile face-up.
- Wear gloves during installation, as tile edges may be sharp.
- Blend tiles from different boxes to ensure a natural variation throughout the surface. Due to the colour variations inherent in the beauty of zellige tiles, it is recommended to lay tiles randomly selected from different boxes or batches. This will ensure that the overall effect is more homogeneous, with tiles of similar hue not all located next to each other.



Grouting

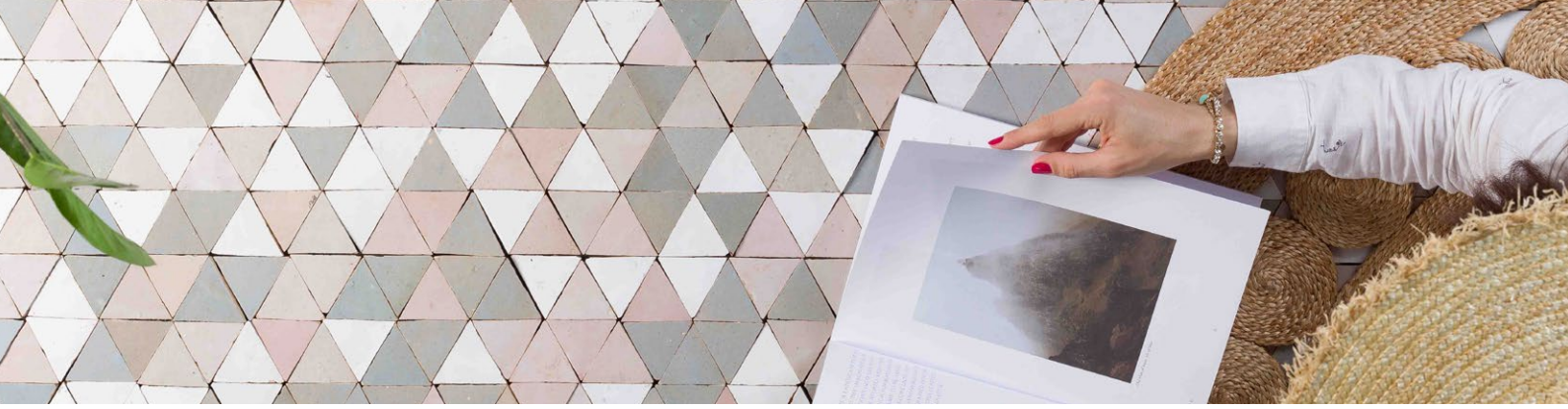
- Use a flexible, fine-grout such as Mapei Ultracolor Plus.
- Apply grout diagonally over the tiles in small sections of 21.5 to 43 square feet (2 to 4 square meters).
- Clean excess grout quickly using clean water and a soft cloth or sponge to avoid staining.
- Always test grout on a small area before proceeding with full application.

Sealing

- Glazed Zellige tiles do not require sealing.
- Unglazed Zellige and Bejmat tiles must be sealed both before and after grouting.
- Use a high-quality penetrating sealant such as Stonetech Impregnator Pro Sealer or Miracle 511 Porous Plus.
- Annual resealing is recommended for shower areas and high-traffic surfaces.
- Always follow the sealant manufacturer's instructions and test on a sample tile.





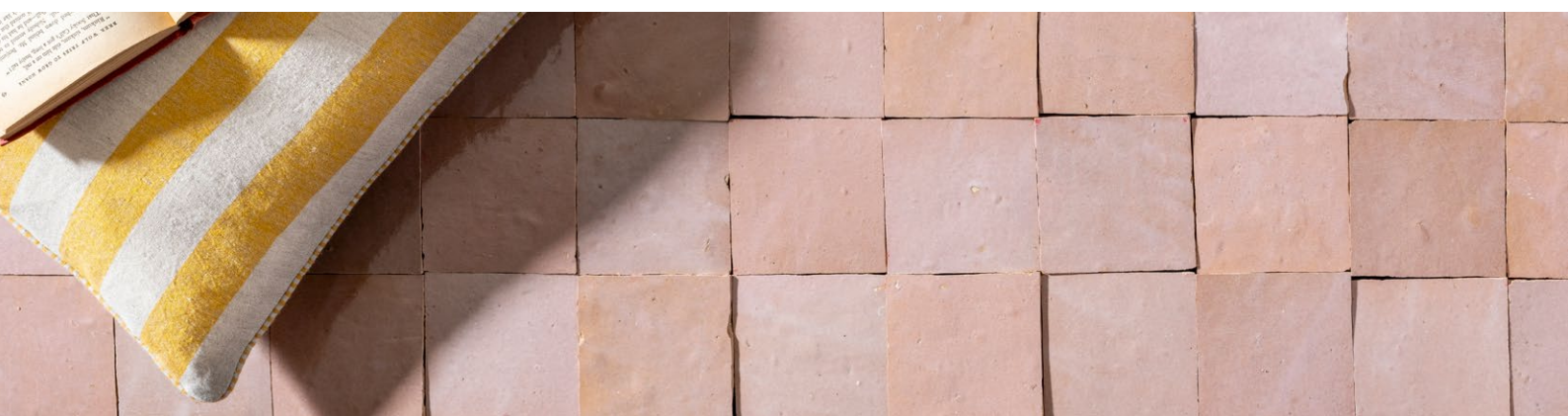


Aftercare

- Clean tiles using a soft cloth or mop with a pH-neutral detergent.
- Avoid using harsh chemicals, bleach, or acidic cleaners. It is always wise to test any other cleaning methods in an inconspicuous area of your installation.
- Please note that these are handmade products with natural ingredients; handle them with care.
- Avoid the use of machine scrubbers and abrasive tools.
- We recommend applying sealant periodically in traffic areas only for unglazed products. You do not need to apply a sealant if your products are glazed.
- Single coat reapplication of the penetrating sealant is required once a year in shower applications due to continuous exposure to water.

Material Safety Notice

Traditional glazes used in Zellige tiles may contain trace amounts of lead. This is not hazardous under normal use and does not pose a health risk. Avoid sanding, grinding, or dry cutting glazed surfaces. If tiles must be cut, work in a well-ventilated area using appropriate personal protective equipment such as a mask and safety glasses.





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