



TRAVERTINE MOSAIC PANEL

COLORS / TECHNICAL DATA

STONECITY.ae
high quality decorative stone

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COLORS

TRAVERTINE MOSAIC PANEL COLLECTION



12-06



12-08



12-18



12-10



12-11



12-25



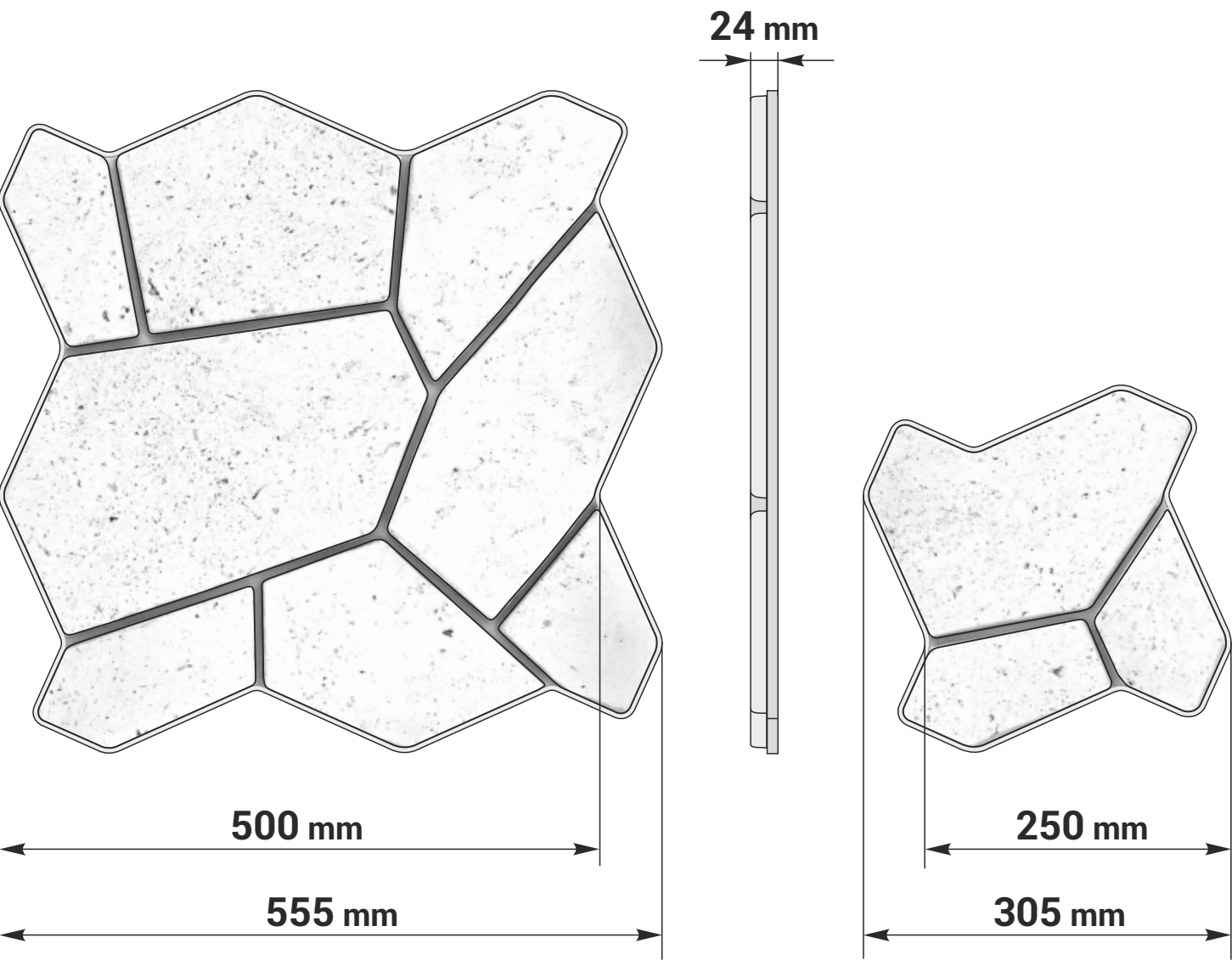
12-17



12-14

DIMENSIONS

TRAVERTINE MOSAIC PANEL

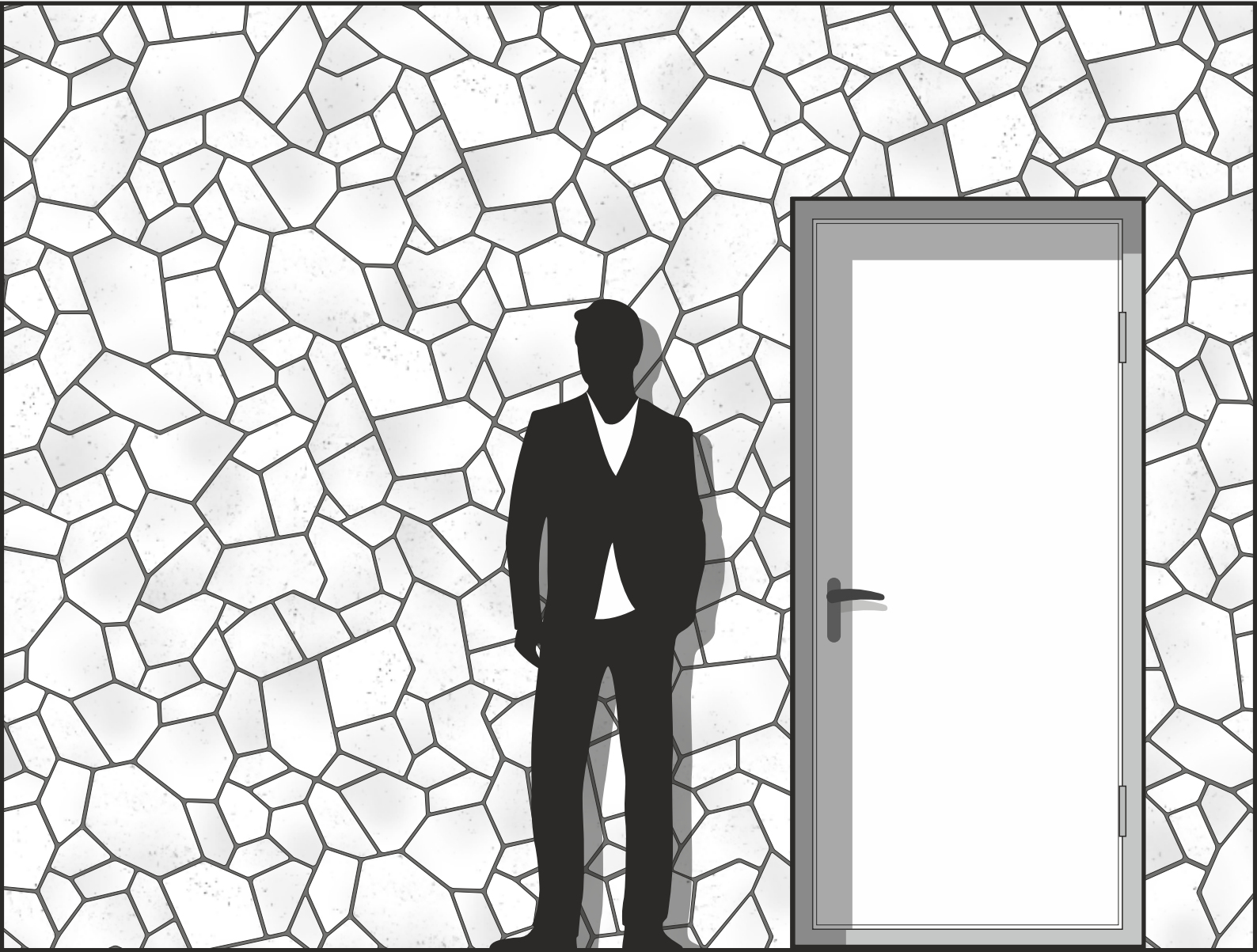


The installation dimensions (500 × 500 mm for the Large Panel and 250 × 250 mm for the Small Panel) represent the effective coverage area used for layout and installation. The overall dimensions, measured at the outermost points of each panel, are shown below:

	Length	Height	Thickness
Big Panel	555 mm	555 mm	24 mm
Small Panel	305 mm	305 mm	24 mm

PROPORTIONALITY

TRAVERTINE MOSAIC PANEL



For scale reference: a doorway with a height of 2100 mm (82.6")

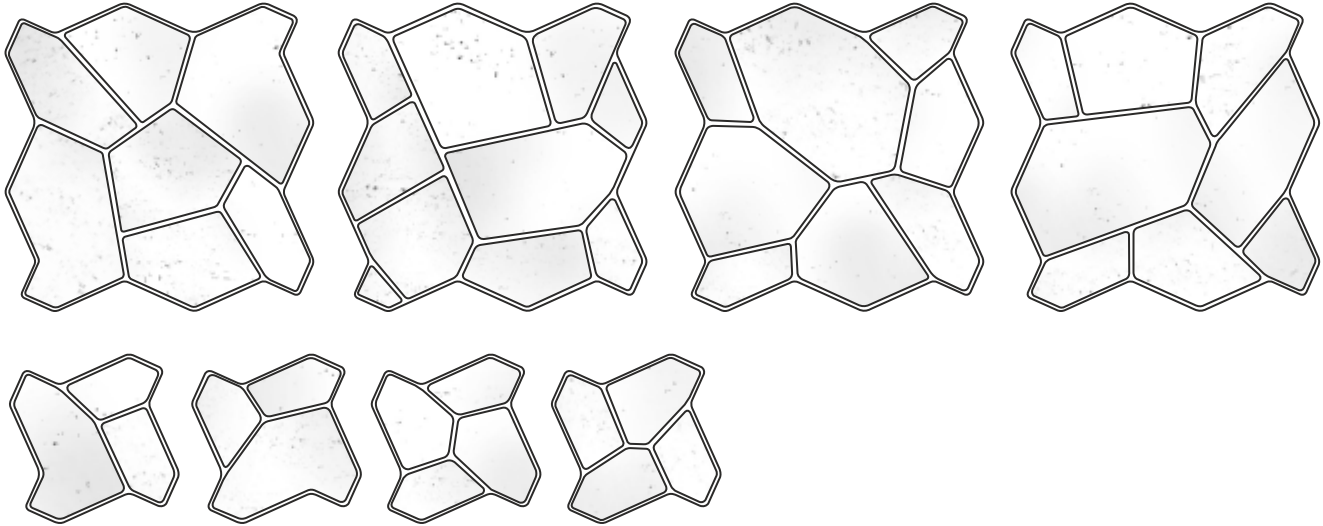
- **Installation Recommendations:**

The panels are designed with built-in grout joints. Grouting is recommended after installation to achieve the intended appearance and ensure proper joint sealing.

INSTALLATION

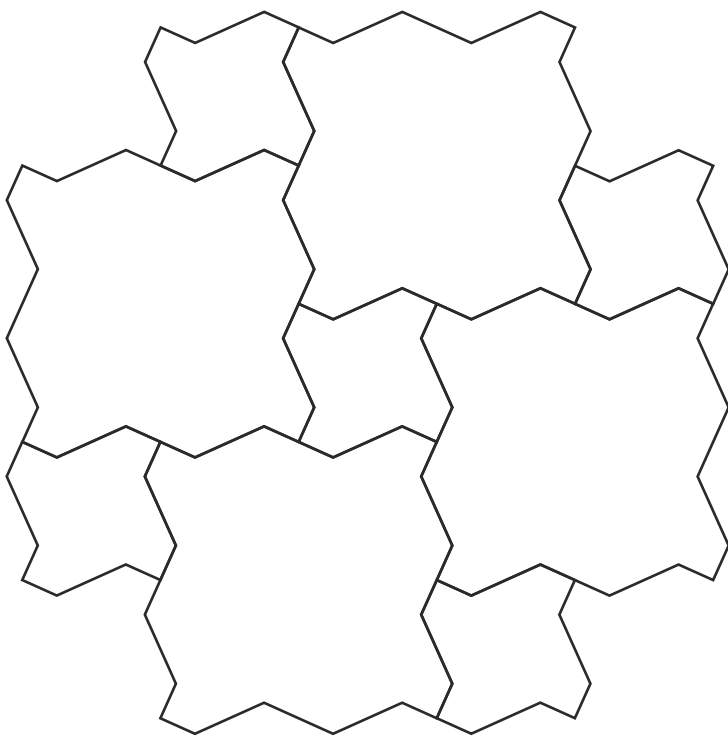
Large-format mosaic system consisting of two panel sizes - Large and Small.

Four texture variations are available for each panel size. While the overall panel shape and dimensions remain identical, the internal stone texture differs, creating a natural, non-repetitive appearance.

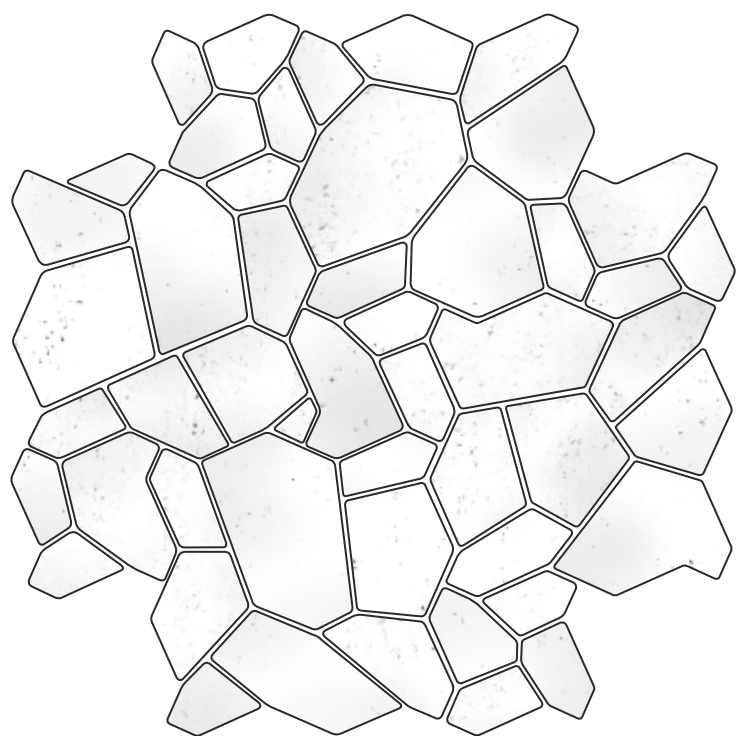


Panels are installed according to the recommended layout shown below, alternating Large and Small panels. The different texture variations blend together to produce a seamless, continuous stone pattern with no visible panel repetition.

Panels can be rotated during installation, changing the stone arrangement and adding more variation to the final pattern.



**PANEL ARRANGEMENT
RECOMMENDED LAYOUT**



**FINAL PATTERN
SEAMLESS APPEARANCE**

JOINTS Between Panels

The panels are designed with 8-12 mm joints between the individual stones.

The panel edges feature a special border that provides the same joint width when the panels are installed together, matching the joints within the panels.



After grouting, all joints blend together, making the connections between panels invisible and creating a continuous, natural-looking surface.



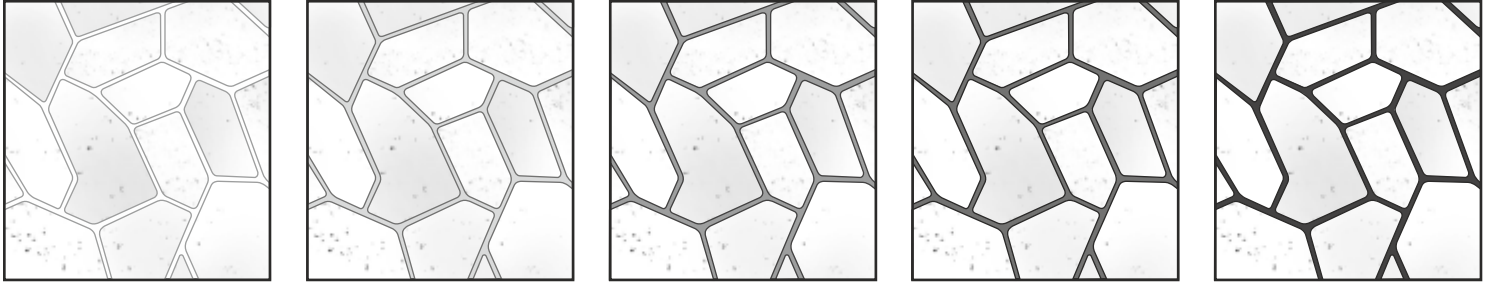
PANEL CONNECTIONS BEFORE GROUTING



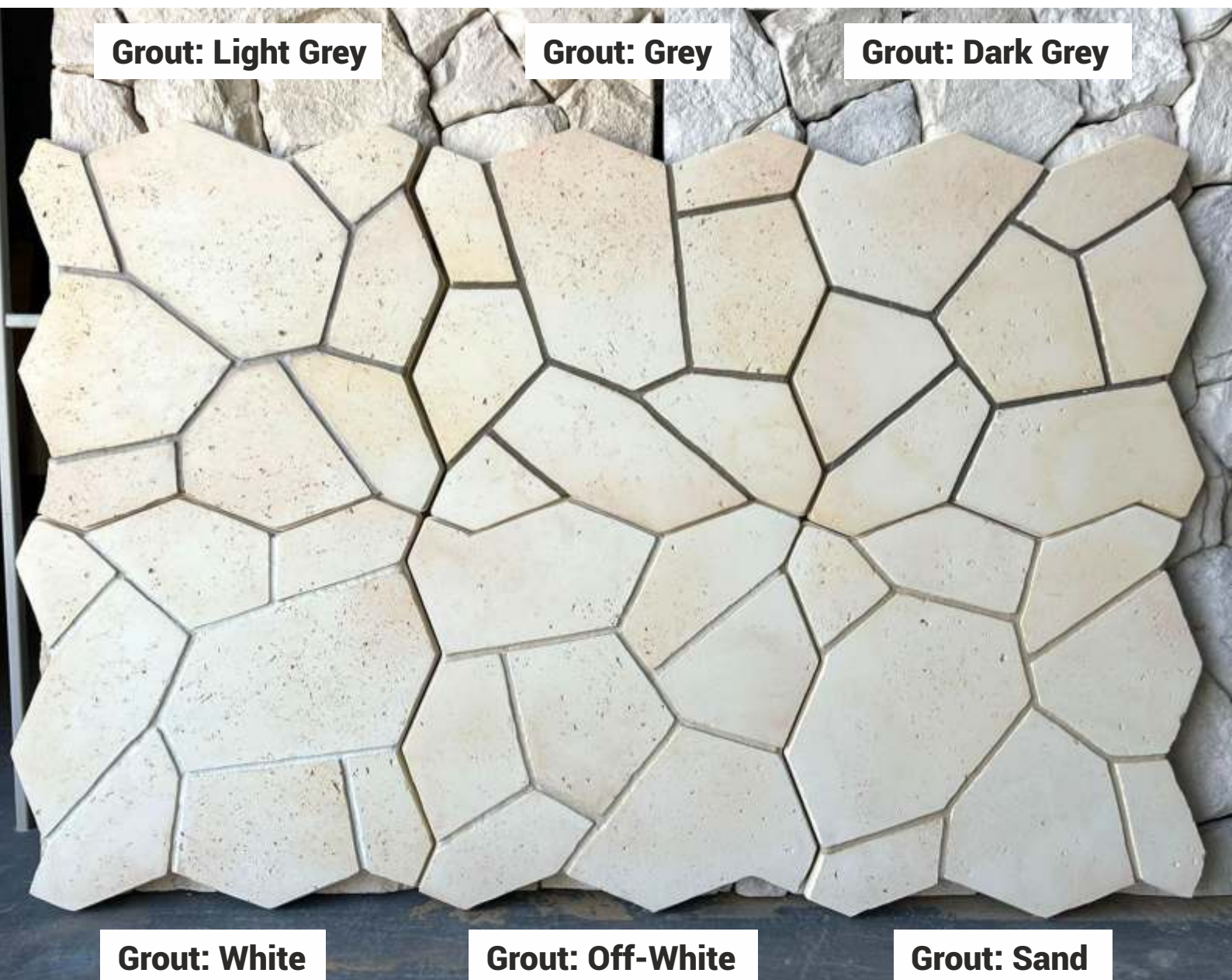
PANEL CONNECTIONS AFTER GROUTING

GROUTING of JOINTS

Grouting is the final stage of installation and is recommended for this type of panel. A grout color close to the stone creates a more blended look, while a contrasting grout makes each stone more clearly defined.



Large Panels (all in Color 12-08) are used below as samples with different grout colors to demonstrate how grout choice can change the overall appearance of the stone.



PRODUCT HIGHLIGHTS

TRAVERTINE MOSAIC PANEL

- **Lightweight**

Significantly lighter than natural stone, making handling and installation easier.

- **High Strength**

The TRAVERTINE MOSAIC PANEL Collection is made from colored, high-strength concrete, making it suitable for both indoor and outdoor applications.

- **High-Quality Materials**

We use the best materials and inorganic oxide pigments LANXESS from the industry leader BAYER. This allows us to offer a 30-year guarantee against color change.

- **Quality Control**

Our unique production line and well-established technological process ensure consistent quality and color from batch to batch.

- **Enhanced Adhesion**

The unique sandblasting technology applied to the back surface of each tile significantly improves adhesion, ensuring reliable fixation to the wall.

- **Custom Color Option**

Our flexible color selection technology allows us to produce tiles in almost any color upon request.

TECHNICAL DATA

TRAVERTINE MOSAIC PANEL

FLOOR EDITION (High Strength Concrete)

Materials:

Stone tiles made from high-strength concrete:

- Portland Cement
- Natural Silica Sand
- Inorganic Oxide Pigments

Technical Characteristics:

- Compressive Strength: 43 MPa (N/mm²)
(Tested according to BS 1881 Part 116)
- Water Absorption: 3%
(Tested according to BS 1881-122:2011+A1:2020)
- Density: approx. 2060 kg/m³
(Tested according to BS 1881 Part 114)
- Freeze / Thaw Durability: 50 cycles

Weight / Coverage:

- Weight per 1 m²: 40 kg
- **Large Panel**
Coverage: 0.25 m²
Weight: 10.5 kg
- **Small Panel**
Coverage: 0.063 m²
Weight: 2.5 kg



