

PALERMO

COLOURED GLAZED PORCELAIN STONEWARE



TILE PLUG

ITALIAN TILE ELEVATED SPACES
NEW YORK NATIONWIDE

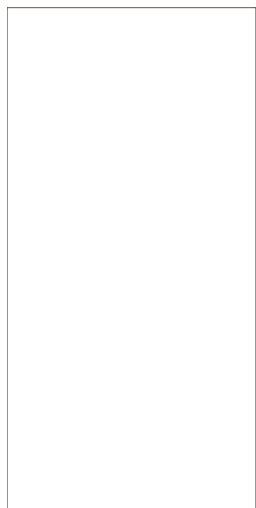
PALERMO

COLOURED GLAZED PORCELAIN STONEWARE

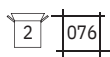


Inspired by the luminous Trani stone, the collection interprets the soul of Mediterranean historic centers—comprised of arches, weathered surfaces, and natural light—translating it into a minimalist and contemporary language. The tone-on-tone irregularities and delicate chromatic nuances create an elegant and timeless material, capable of blending tradition and modernity in a single, refined design vision.

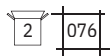




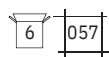
60x120 - 24"x48" Rett
1007540 Palermo Beige
1007541 Palermo Bianco
1007542 Palermo Grigio
1007543 Palermo Visone



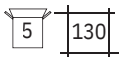
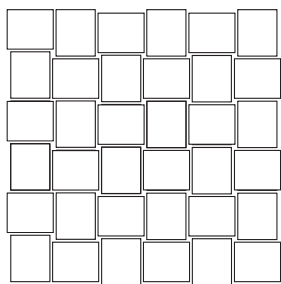
60x120 - 24"x48" Rett **R11**
1007606 Palermo Beige
1007607 Palermo Bianco
1007608 Palermo Grigio
1007609 Palermo Visone



30x60 - 12"x24" Rett
1007548 Palermo Beige
1007549 Palermo Bianco
1007550 Palermo Grigio
1007551 Palermo Visone

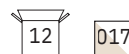
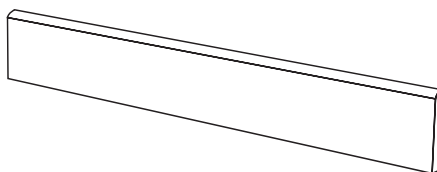


MOSAICI - MOSAICS



MOSAICO PALERMO Sheet Size 30x30 - 12"x12" Rett
1007717 Palermo Beige
1007718 Palermo Bianco
1007719 Palermo Grigio
1007720 Palermo Visone

SPECIAL PIECES 9,5 MM - SPECIAL PIECES 9,5 MM

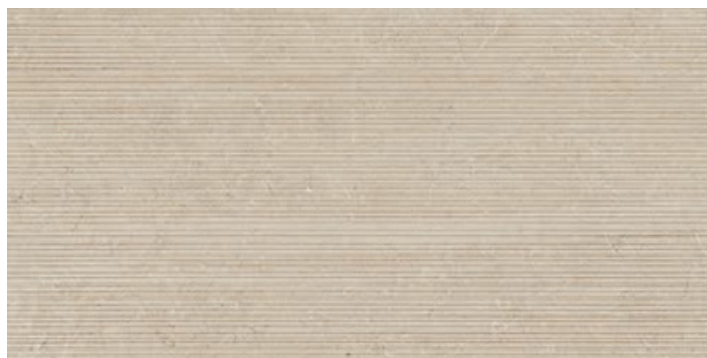


BATTISCOPA 6,5x60 - 2^{9/16}"x24" Rett
1007713 Palermo Beige
1007714 Palermo Bianco
1007715 Palermo Grigio
1007716 Palermo Visone

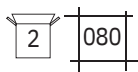
PALERMO



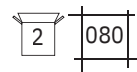
DECORATIONS - DECORS



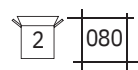
BEIGE
1007599 60x120 - 24"x48" Rett



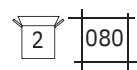
BIANCO
10 076 0 0 60x120 - 24"x48" Rett



GRIGIO
10 076 0 1 60x120 - 24"x48" Rett



VISIONE
10 076 0 2 60x120 - 24"x48" Rett



TECHNICAL SPECIFICATIONS

Product Classification & Icons

- **Material:** The product is manufactured as **Glazed Porcelain Stoneware with a Coloured Body, Finish Matte** combining the durability of porcelain with a body that maintains color consistency throughout the tile.
- **Frost Resistant:** The product is **resistant to frost**, making it suitable for applications exposed to freezing conditions.
- **Thickness:** The product features a **9.5 mm (3/8")** thickness, providing a solid and durable structure.
- **Slip Resistance:** The product is **classified as R11**, indicating a high level of slip resistance.
- **Color Variation:** The product features a **V2 rating**, representing a slight and controlled variation in tone and appearance between tiles.

Material Composition

The product is manufactured as glazed porcelain stoneware with a coloured body, combining the durability, strength, and dimensional stability expected from high-performance porcelain while maintaining color consistency throughout the body of the tile.

Color Variation

The product is classified as **V2 - Slight Variation**, meaning that individual tiles may exhibit subtle differences in shade and appearance. This controlled variation creates a balanced and natural visual effect once installed without compromising design consistency.

Dimensions & Manufacturing Precision

The product complies with **ISO 10545-2**, ensuring high manufacturing precision and dimensional consistency.

- Surface appearance: **≥95%**
- Length and width tolerance: **±0.5% (±1.5 mm)**
- Edge straightness: **±0.5% (±1.5 mm)**
- Thickness tolerance: **±5% (±0.5 mm)**
- Orthogonality: **±0.5% (±1.5 mm)**
- Flatness: **±0.5% (±1.5 mm)**

These tolerances contribute to a precise installation with uniform joints and a refined finished appearance.

Thickness

The product has a nominal thickness of **9.5 mm (3/8")**, providing structural stability and versatility for a wide range of interior and exterior applications.

Water Absorption

According to **ISO 10545-3**, the product achieves a water absorption rate of **≤0.01%** and is classified as **B1a GL**.

This extremely low absorption rate indicates exceptional resistance to moisture penetration, making the material suitable for demanding environments where water exposure is a consideration.

Mechanical Strength

Under **ISO 10545-4**, the product demonstrates high structural performance with:

- Breaking strength: **≥1300 N**
- Flexural strength: **≥35 N/mm²**

These values indicate excellent resistance to mechanical loads and everyday use.

Frost Resistance

According to **ISO 10545-12**, the product is frost resistant, allowing it to withstand freeze-thaw cycles when installed under appropriate conditions.

Thermal Shock Resistance

In accordance with **ISO 10545-9**, the product is resistant to thermal shock, maintaining its performance when exposed to sudden temperature changes within the parameters established by the standard.

Abrasion Resistance

The abrasion resistance, evaluated under **ISO 10545-7**, varies depending on the selected color.

- **Beige: Class 4**
- **Bianco: Class 4**
- **Visone: Class 3**
- **Grigio: Class 3**

These classifications indicate good wear resistance for glazed surfaces across a variety of residential and commercial applications, depending on the color selected.

Surface Hardness

According to EN 101, the product achieves a surface hardness of **Mohs ≥6**, providing good resistance against scratching and surface wear under normal conditions of use.

Chemical Resistance

The product is classified as **A-LA-HA** under **ISO 10545-13**, indicating resistance to household chemicals as well as low- and high-concentration acids and alkalis within the limits established by the standard.

This performance contributes to easier maintenance and long-term surface durability.

Stain Resistance

According to **ISO 10545-14**, the product achieves **Class 5** stain resistance, representing the highest classification within the standard and ensuring excellent cleanability.

Slip Resistance

The product demonstrates high slip resistance performance across multiple testing standards.

- **DIN EN 16165: R11**
- Static coefficient of friction (**R11**): $\mu \geq 0.74$
- **ANSI A326.3: Wet ≥ 0.42**

These results indicate enhanced slip resistance, particularly in areas where moisture may be present.

Applicable Standards

The product has been tested in accordance with internationally recognized standards, including:

Standard	Property Evaluated
ISO 10545-2	Dimensions and manufacturing tolerances
ISO 10545-3	Water absorption
ISO 10545-4	Breaking and flexural strength
ISO 10545-7	Abrasion resistance
ISO 10545-9	Thermal shock resistance
ISO 10545-12	Frost resistance
ISO 10545-13	Chemical resistance
ISO 10545-14	Stain resistance
DIN EN 16165	Slip resistance
ANSI A326.3	Wet slip resistance

This combination of certifications confirms that the product meets internationally recognized quality, durability, and safety standards for glazed porcelain stoneware.



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