

A TOUCH OF
Stone

STONE TECH
2.0

STONE TECH 2.0

STONETECH 2.0 marks the next evolution of stone-inspired ceramic design, defined by restraint, material clarity, and advanced surface engineering. Within this collection, Invisia™ introduces a surface concept focused on non-reflective elegance and controlled performance.

Invisia™ is characterised by its non-reflective matt appearance. Light is diffused rather than reflected, allowing the surface to appear calm, natural, and visually stable. This reduction of glare enhances the authenticity of the stone expression, delivering a refined architectural presence.



Crafted in
Stillness



Invisia™

Surface

Where surface performance remains unseen.

The design language is intentionally limited and precise, presented in a curated palette of five balanced colours. Each tone is developed to maintain visual consistency and timeless material depth.

Invisia™ is engineered with R10 anti-slip performance, integrated seamlessly into the surface structure while preserving a smooth and composed matt finish. The performance remains present yet visually discreet, ensuring the surface retains its clean, uninterrupted character.

Alongside Invisia™ Matt, STONETECH 2.0 also introduces a Texture Grit – Micro option, available in the same five-colour palette. This surface features a fine micro-punch texture, adding tactile definition while maintaining controlled aesthetics. The texture is subtle, measured, and designed to complement the stone-inspired identity without visual excess.

STONETECH 2.0 does not rely on bold contrast or surface drama. It is built on material discipline, quiet texture, and invisible technology.

STONETECH 2.0 — Invisia™Stone refined through silence.



Water Repellent



Blended Smoothness



Non-Reflective



Thermal Resistant



Frost Resistant



Chemical Resistant



Abrasion & Wear Resistant



Temperature Resistant



Hygienic and Safe



Load and Stress Resistant

The Palette of Pure Design

Invisia Opal	Invisia Dune	Invisia Ivory	Invisia Taupe	Invisia Nuit
				
				

5
Designs

2
surfaces



Spaces That
Feel Like Silence



WALL
Invisia
Nuit

FLOOR
Invisia
Opal

600x1200mm
Stone Tech
2.0

Thickness
9mm

INVISIA OPAL

600 x 1200 mm

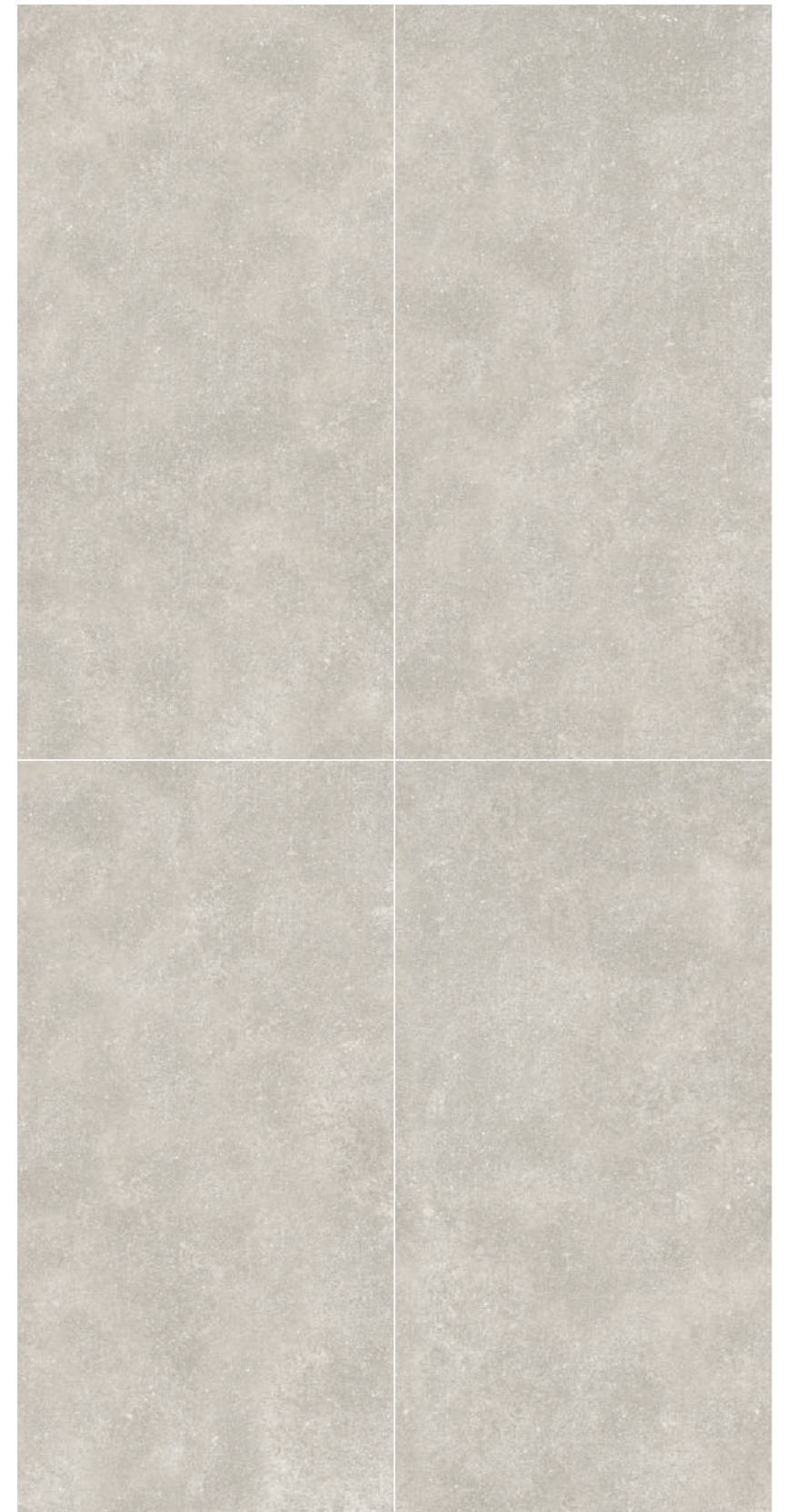


INVISIA OPAL

Surface:
MATT

Size:
600x1200mm

Thickness
9mm





Crafted for
Contemporary Living



WALL
Invisia
Dune

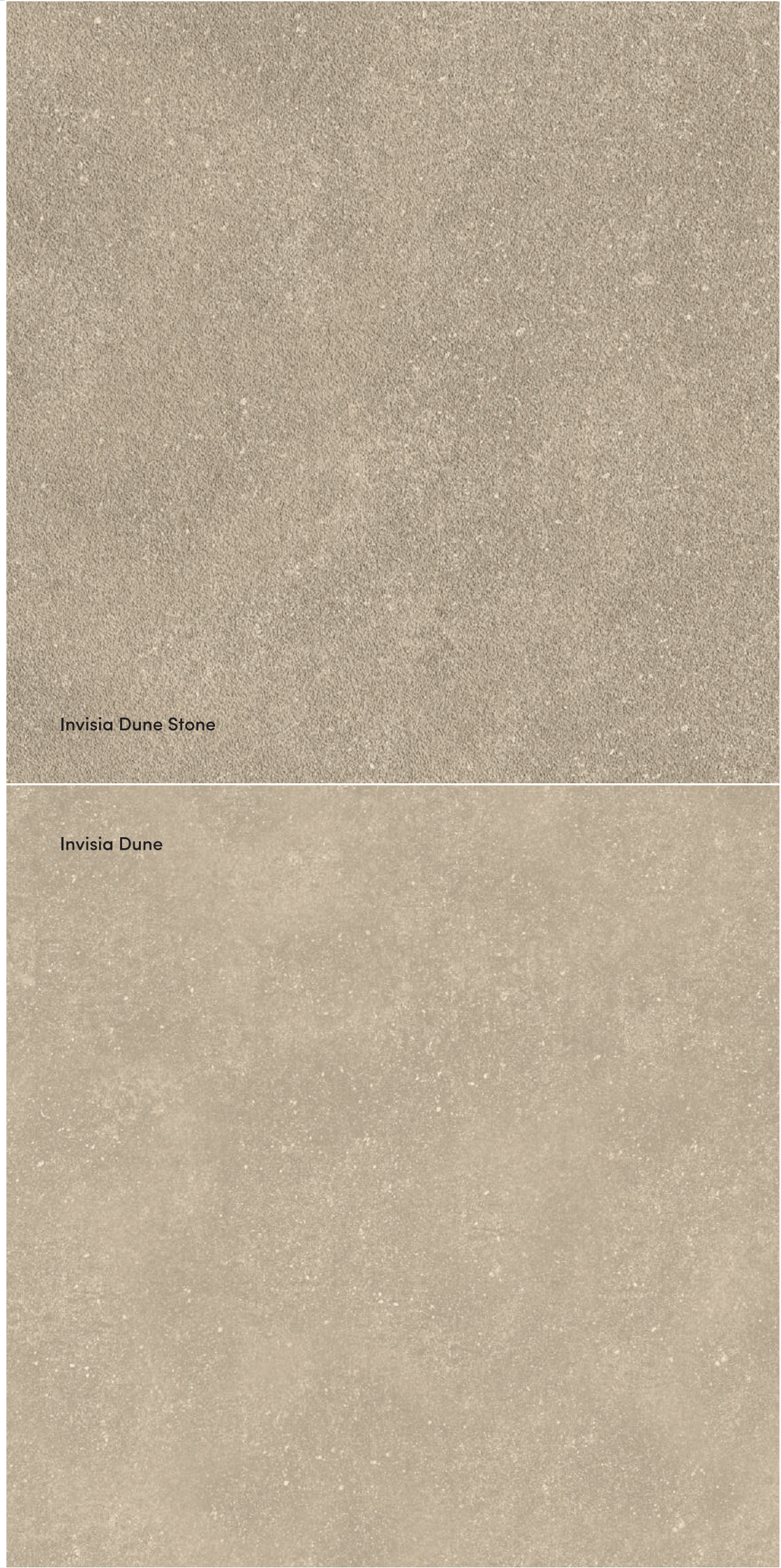
FLOOR
Invisia
Dune

600x1200mm
Stone Tech
2.0

Thickness
9mm

INVISIA DUNE

6 0 0 x 1 2 0 0 m m



Invisia Dune Stone

Invisia Dune

Stone Tech

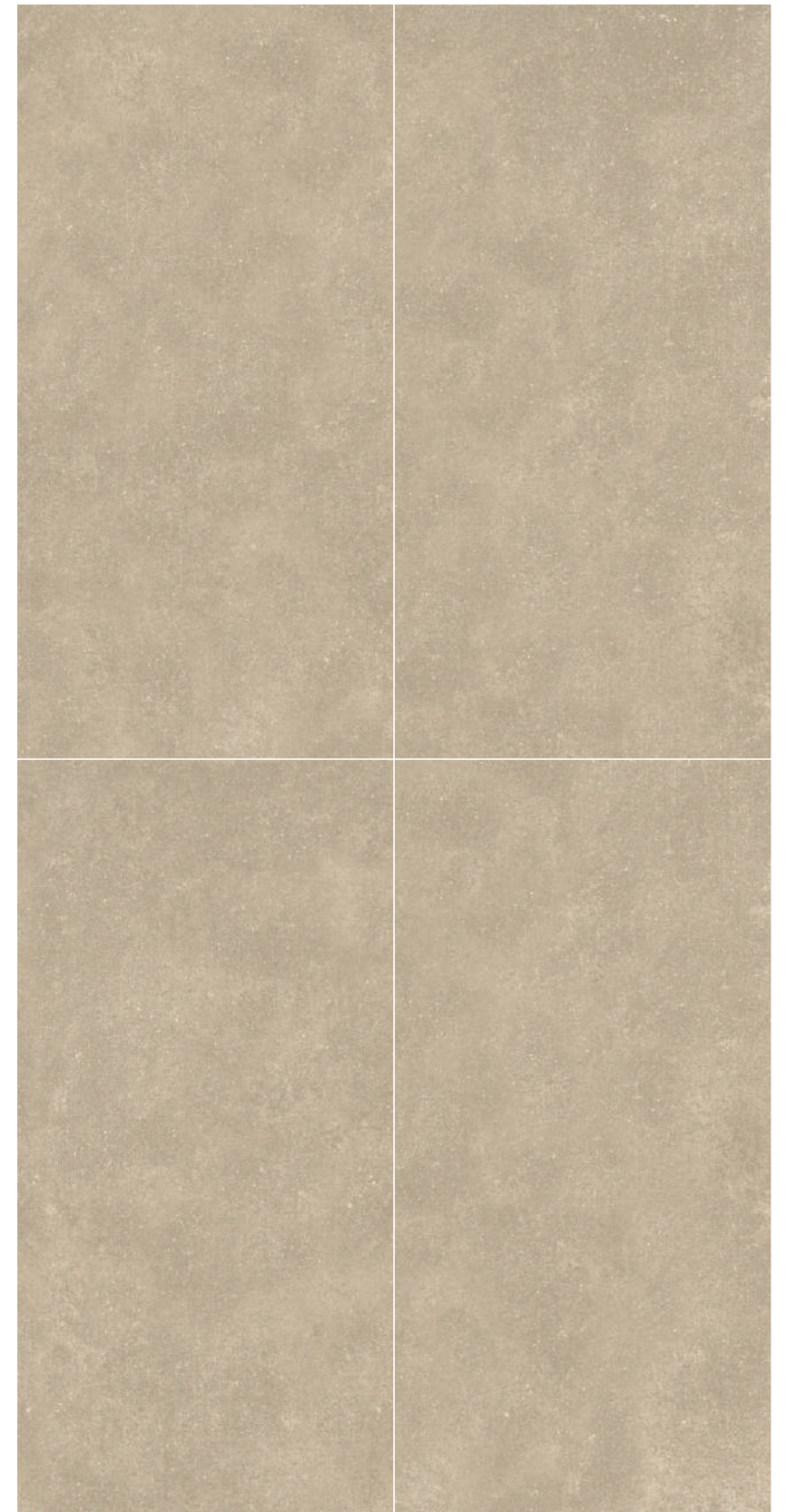
2.0

INVISIA DUNE

Surface:
MATT

Size:
600x1200mm

Thickness
9mm





Elevating Everyday
Environments



WALL
Invisia
Dune

FLOOR
Invisia
Ivory

600x1200mm
Stone Tech
2.0

Thickness
9mm

Invisia Ivory Stone

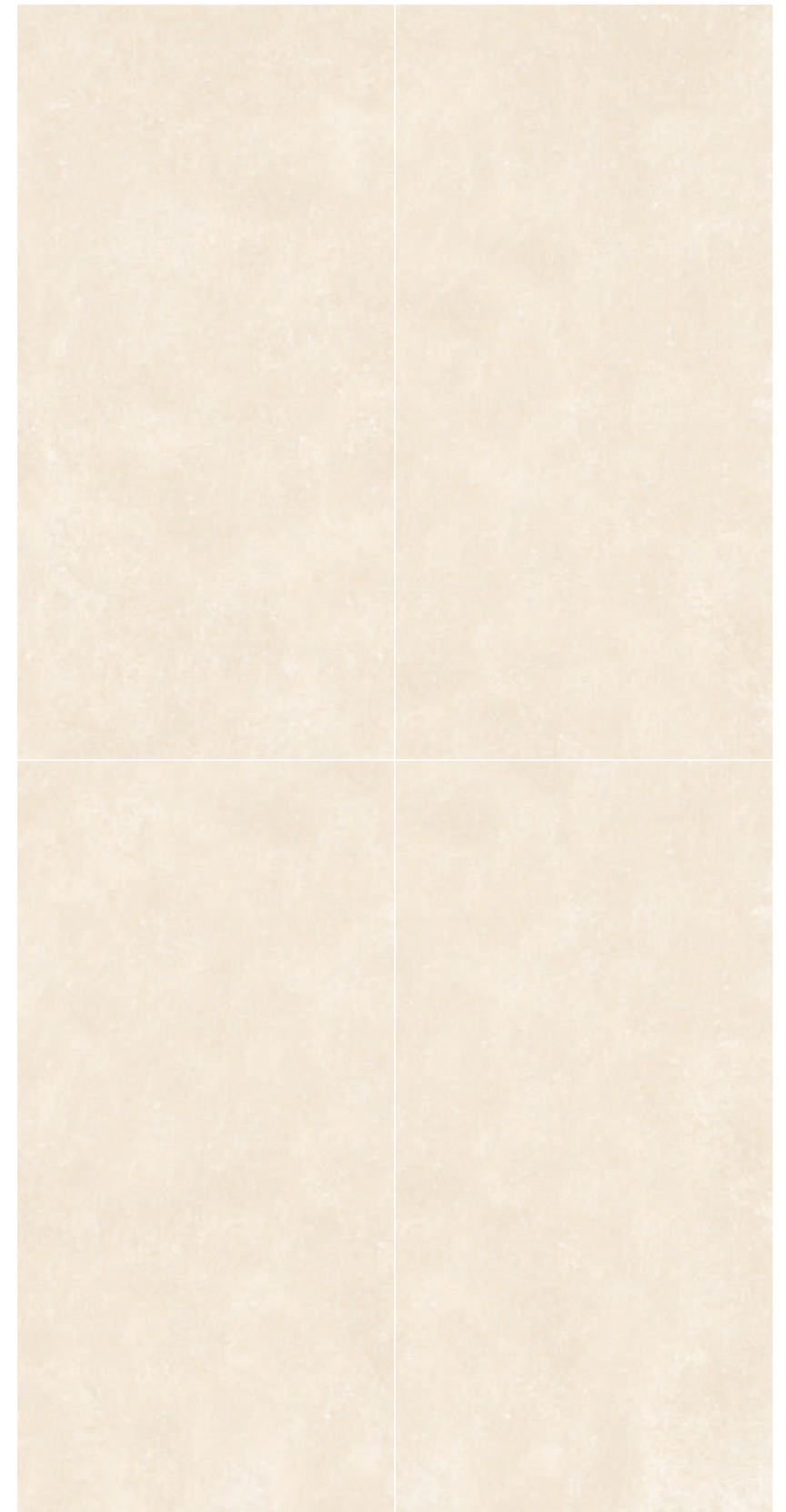
Invisia Ivory

INVISIA
IVORY

Surface:
MATT

Size:
600x1200mm

Thickness
9mm





Detail That Makes
the Difference



WALL
Invisia
Taupe

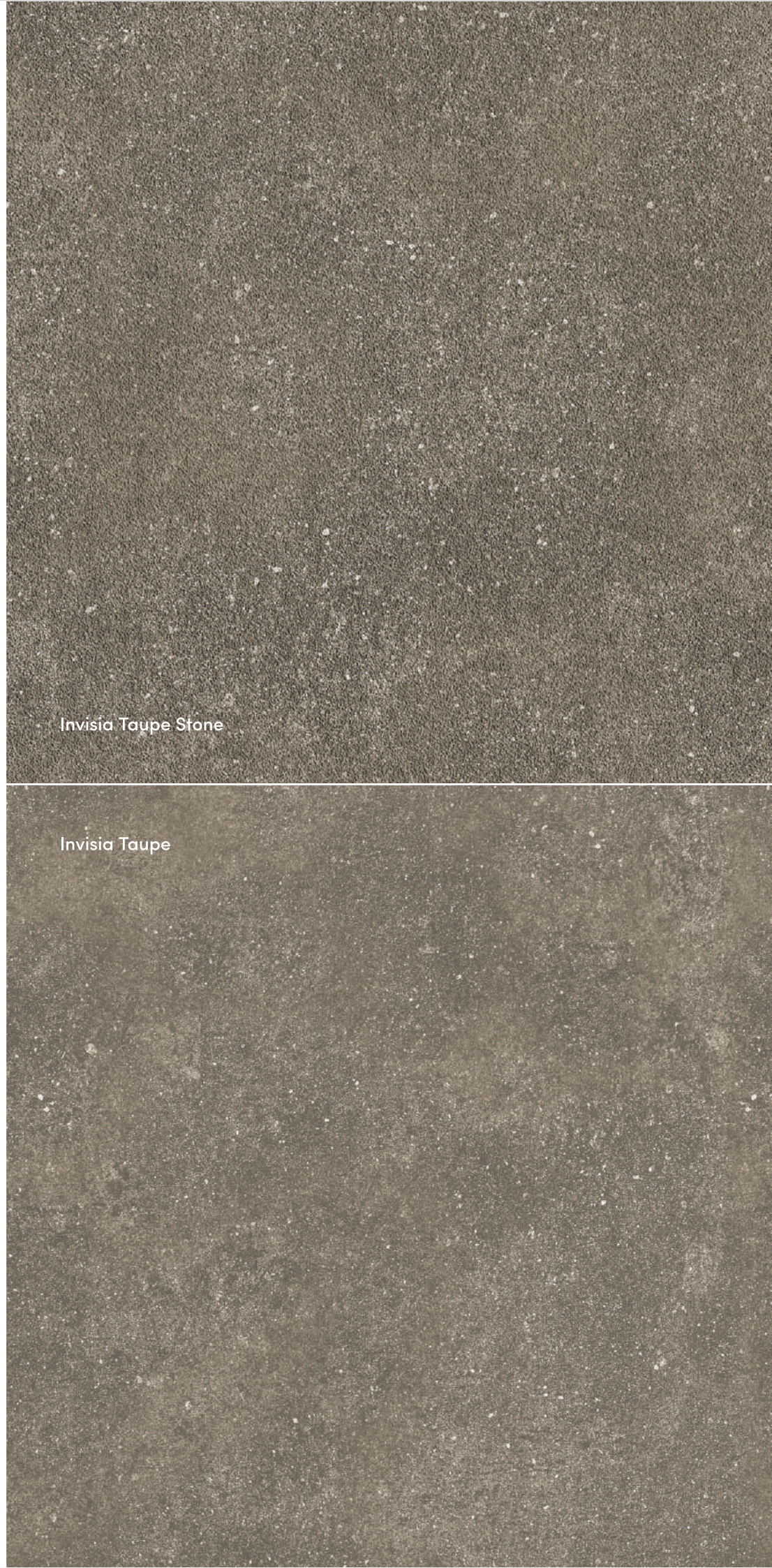
FLOOR
Invisia
Taupe

600x1200mm
Stone Tech
2.0

Thickness
9mm

INVISIA TAUPE

6 0 0 x 1 2 0 0 m m



Invisia Taupe Stone

Invisia Taupe

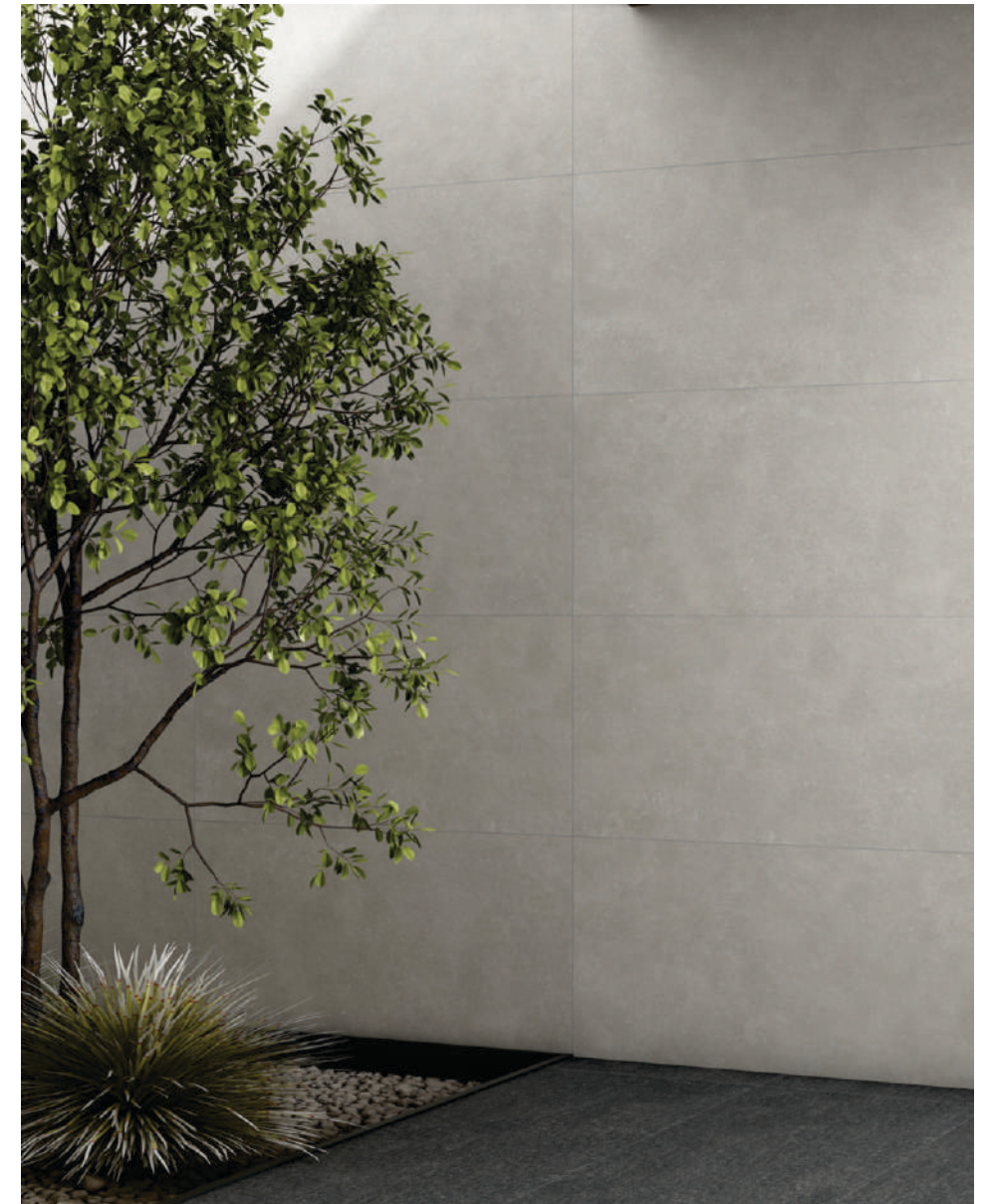
INVISIA TAUPE

Surface:
MATT

Size:
600x1200mm

Thickness
9mm





Enduring Style,
Enduring Strength



WALL
Invisia
Opal

FLOOR
Invisia
Nuit

600x1200mm
Stone Tech
2.0

Thickness
9mm

INVISIA NUIT

600 x 1200 mm



Stone Tech

2.0

INVISIA NUIT

Surface:
MATT

Size:
600x1200mm

Thickness
9mm



We Care for Environment

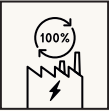
Energy Management Systems



CHP vapour recovery with 40% savings in methane gas



100% LED lighting. 50% annual power savings

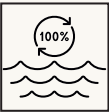


Efficient methane gas cogeneration plant



Heat recovery from furnaces and cooling water

Resource Conservation



100% recycled industrial water and 27% reduction in water consumption over the last 3 years



100% recyclable packaging materials

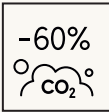


100% recycled raw and cooked waste

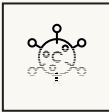


99% waste sent to recovery

Environment Health



Automated Vertical Warehouse: 60% reduction in CO₂



0% lead, cadmium, and other carcinogenic substances in products



Continuously operating purification and filtration systems



RTO system to reduce harmful emissions and odours

Born from Nature,
Built for Life

CO₂

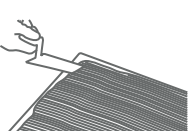


Instructions for Manual Installation

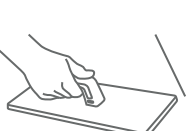
SINGLE LAYER METHOD



DOUBLE-LAYER METHOD



COMPRESSING THE TILE



Important

All cutout corners must have a minimum diameter of 1/4". Never leave 90° angles. We recommend radiuses of more than 1/4" when the kitchen the design allows as it makes the counter top firmer.



✓ CORRECT



✗ INCORRECT



✗ INCORRECT



✗ INCORRECT

Cleaning & Maintance

Our products are non porous (due to their high quality raw materials, stringent production parameters and state of the art technology) hence any dust or deposited waste cannot penetrate the surface.

For most cases only a damp cloth is sufficient for cleaning. Regular cleaning highlights the aesthetic features of the surface and gives it exceptional shine. For highly aggressive cleaning caused by some common food and substances follow the table below.

Type Of Stain	Chemical Product	Example
Grease	Alkaline – Solvent	Detergent
Oil	Solvent	Ammonia, Baking Soda
Ink	Oxidant – Solvent	Alcohol, Liquid Bleach, Nail Paint Remover
Rust	Acid	Hydrochloric Acid, Vinegar, Red Harpic
Lime	Acid	Descaling Reagent, Hydrochloric Acid
Cement	Acid	Hydro Chloric Acid
Wine	Alkaline	Ammonia, Liquid Bleach
Coffee	Alkaline – Solvent	Ammonia, Liquid Bleach
Rubber	Solvent	Alcohol, Thinner
Plaster	Acid	Hydrochloric Acid
Candle Wax	Solvent	Alcohol, Thinner
Iodine	Oxidant	Liquid Bleach
Blood	Oxidant	Liquid Bleach
Ice Cream	Alkaline	Liquid Bleach

Note: It is recommended that any kind of stain should be cleaned immediately or as soon as possible.

Technical Specifications

Test Description	Standard Test Method	International Standard ISO 13006	Ceramics Specifications
Length & Width	BS EN ISO 10545-2	±0.6%	±0.1%
Thickness	BS EN ISO 10545-2	±5.0%	±5.0%
Rectangular Squareness	BS EN ISO 10545-2	±0.6%	±0.2%
Straightness of Sides	BS EN ISO 10545-2	±0.6%	±0.2%
Surface Flatness	BS EN ISO 10545-2	±0.5%	±0.2%
Water Absorption	BS EN ISO 10545-3	≤0.5%	Avg ≤0.05%
Modulus of Rupture	BS EN ISO 10545-4	≥35 N/mm ²	≥40 N/mm ²
Breaking Strength	BS EN ISO 10545-4	≥1300 N	Min. 1800 N
Resistance to Surface Abrasion	BS EN ISO 10545-7	Manufacturer to state abrasion class	PEI Class 2–5 (Depends on shade)
Linear Thermal Expansion	BS EN ISO 10545-8	9×10 ^{−6} °C ^{−1}	≤9×10 ^{−6}
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
Frost Resistance	BS EN ISO 10545-12	No visible damage	No visible damage
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 3
Colour Resistance to UV Light	DIN 51094	No change in color	No change in color

VITRIFIED TILES (BIA – GL)

Vitrified tiles are manufactured using pure, selectively imported raw materials mixed using the most advanced extraction and sorting techniques. They are obtained with a production process similar to that of single-fired tiles. The resulting product is top-quality vitrified tile, obtained by raw materials wet grinding, followed by partial drying by spraying, silo storage to allow homogenization of properties, and pressing with highly efficient hydraulic presses up to specific pressures more than 500 kg/cm². The high-pressure combined with high firing temperature exceeding 1200°C results in highly compact and strong ceramic surface with very low water absorption (lower than 0.4% according to UNI EN ISO 10545-3) and extremely high mechanical resistance (average value exceeding 40 N/mm² according to UNI EN ISO 10545-4). Thanks to their low porosity, these vitrified tiles are frost-proof and rated as belonging to the Bia GL class according to the International Standard ISO 13006 and European Standard UNI EN 14411 which requires water absorption ≤ 0.5%. The MOR (Modulus of Rupture) in accordance with UNI EN ISO 10545-4 results to 40 N/mm² while the required value is 35 N/mm². LATTE Ceramics porcelain tiles are available in a wide range of designs, sizes and finishes.

ADVICE ON LAYING

Although our vitrified tiles can be installed using traditional cement mortars, we advise using modern adhesives. While installing on walls, the double-layer spreading system is recommended to perfectly coat the back of the tile. Quickly dipping each tile in water before installation will remove any dust on the back of the tile for perfect adhesion. Do not wet the tiles if you are using vinyl, acrylic resin adhesives or two-component organic solvent-based adhesive. It is advisable to incorporate shrinkage-flexion joints when installing on large floors. The joints should never be spaced more than 4–5 linear meters apart indoors and 3 linear meters apart outdoors. Be careful while using strong coloured grouts as they might leave stains on the surface of the tiles that may be difficult to remove later.

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



INNOVATIVE
SURFACE
CERAMICS

Powered by LATTE