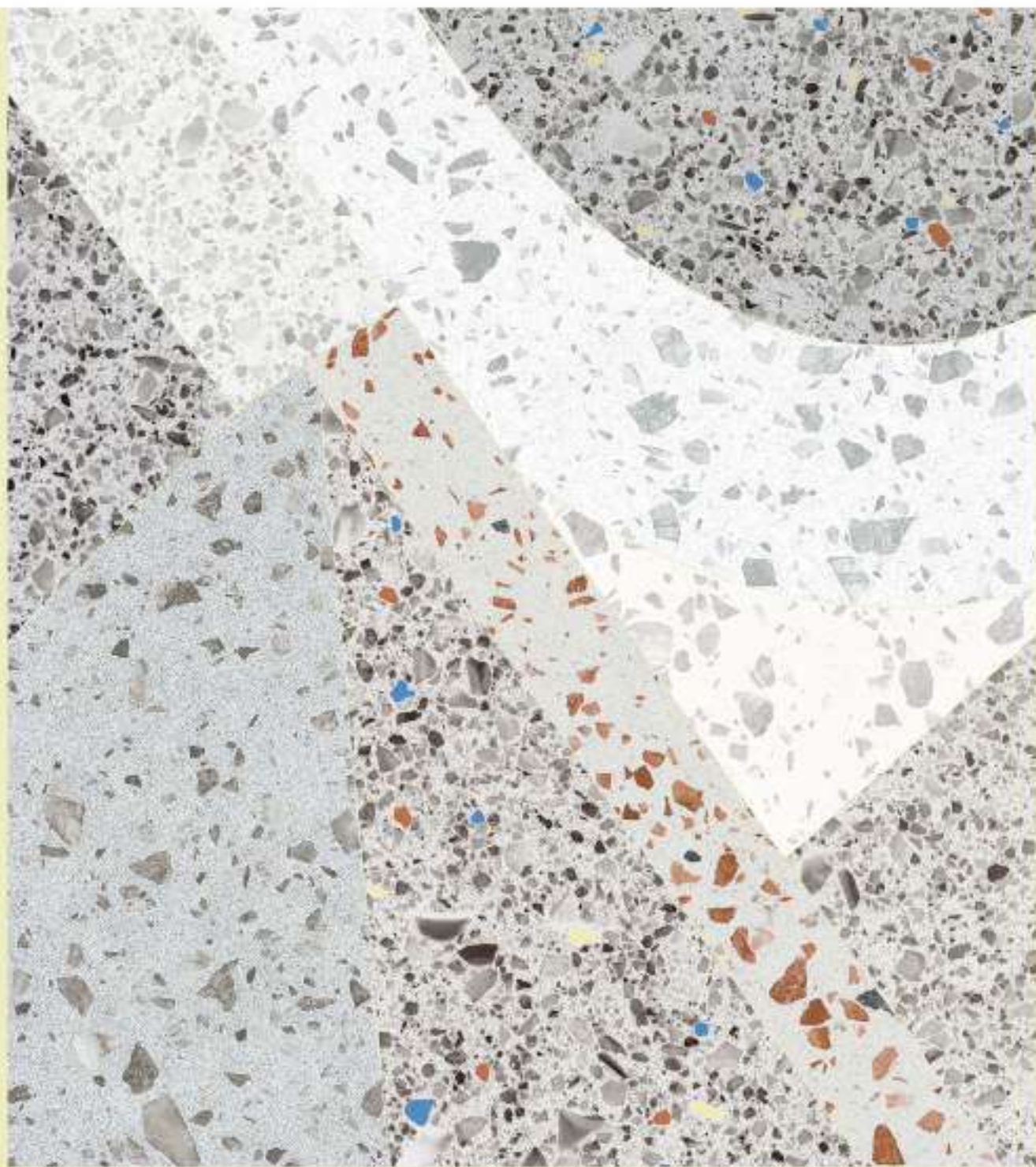


# TERRA-ARTE

A FUNCTIONAL WORK OF ART

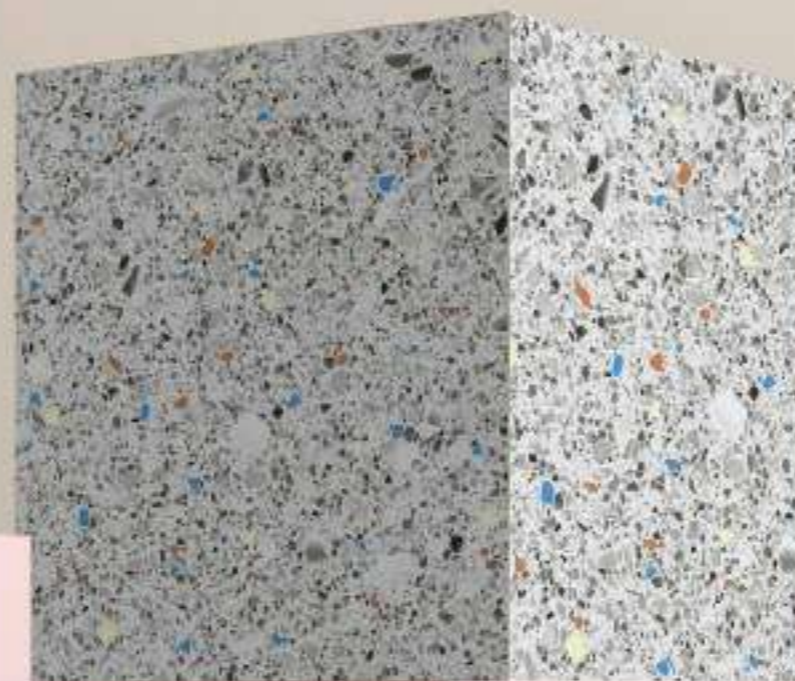




**TERRA-ARTE**

A FUNCTIONAL WORK OF ART

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A material of the moment, terrazzo has experienced a revival of late, particularly in the interior design scene. And tile connoisseur Niro Granite is fueling the speckled obsession even further with its latest creation Terra-Arte.

Resembling a random composition of embedded rocks in concrete, the new tile collection makes for a stunning surface that can be earmarked as an art piece. Its versatility promises a wide variety of decorative opportunities, for a serious or playful ambience. Whether as a floor covering or a kitchen backsplash, Terra-Arte's retro vibe will result in a high-impact finish that will serve any type of commercial and residential interiors for years on end.

**TERRA-ARTE**  
A FUNCTIONAL WORK OF ART





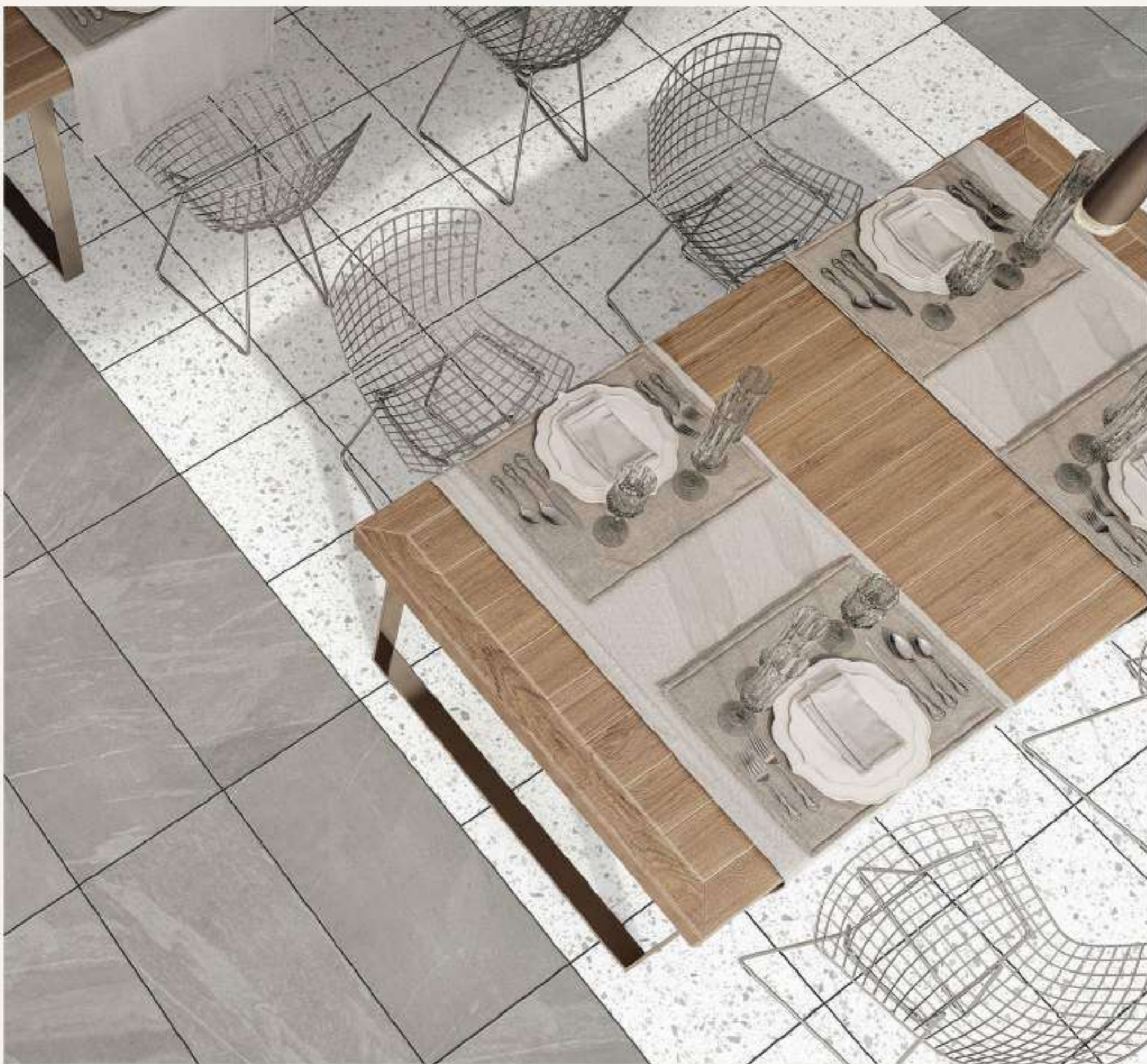
FLOOR  
-  
**GTE01 PAOLO**  
-  
60x60cm  
-  
matt





WALL  
-  
**GTE04 TINO**  
-  
60x60cm  
-  
embossed





FLOOR  
—  
**GTE07 CASTELLI**  
—  
60x60cm  
—  
matt





WALL  
-  
**GTE08 BERNINI**  
-  
60x60cm  
-  
matt





WALL  
GTE05 LUDO  
60x60cm  
embossed



FLOOR  
GTE07 CASTELLI  
60x60cm  
matt







FLOOR

GTE09 CORTINI

60x60cm

matt

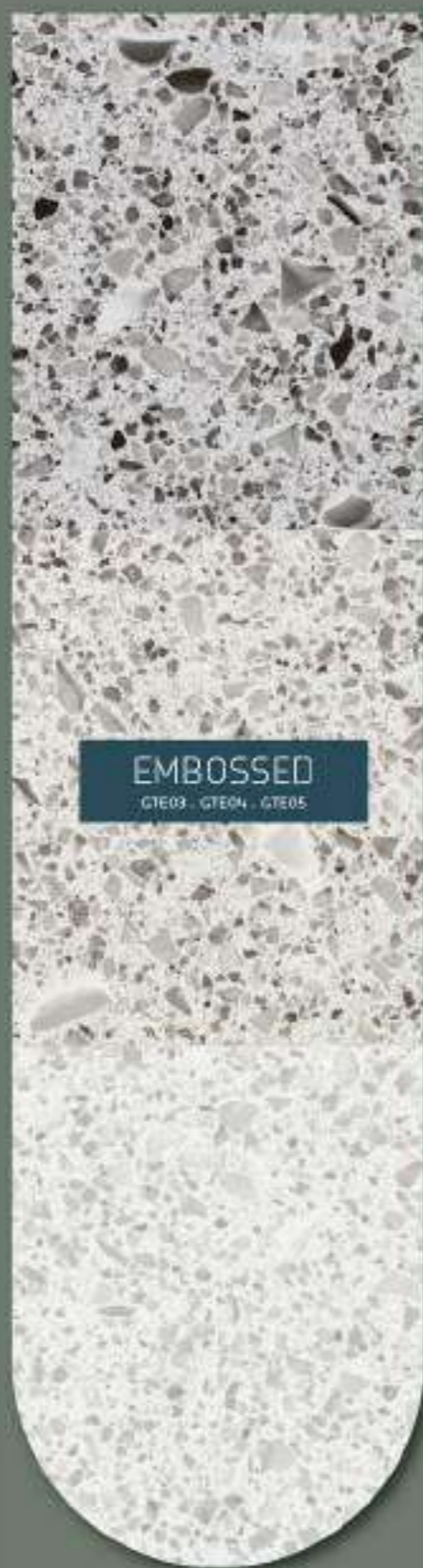


# 3 DIFFERENT TYPE



**COLOURED**

GTE01 - GTE02



**EMBOSSSED**

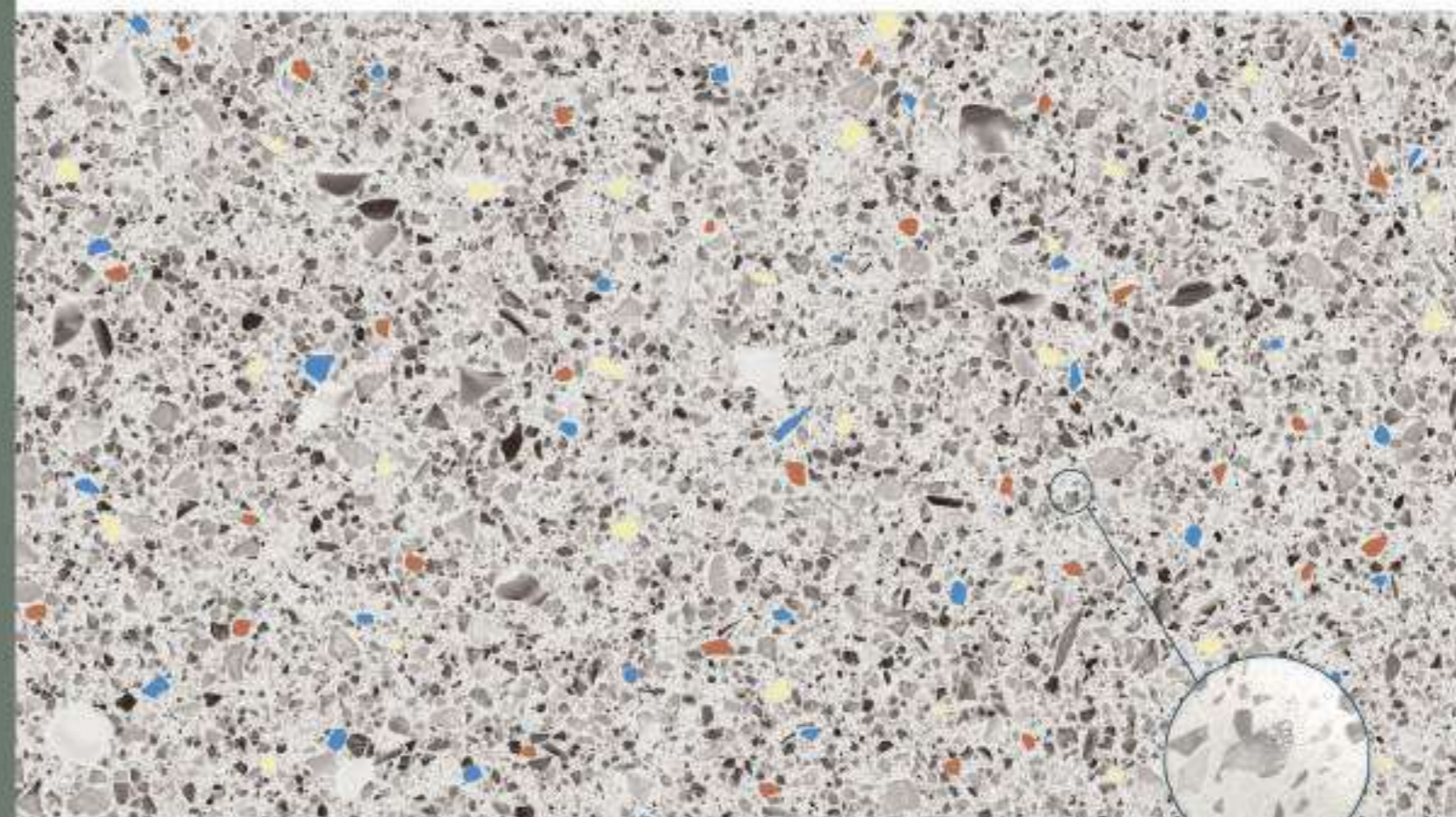
GTE03 - GTE04 - GTE05



**MONOCHROME**

GTE06 - GTE07 - GTE08 - GTE09

**TERRA-ARTE**  
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with  
Glossy Effect



**GTE01 PAOLO**  
60x60cm  
matt

V2

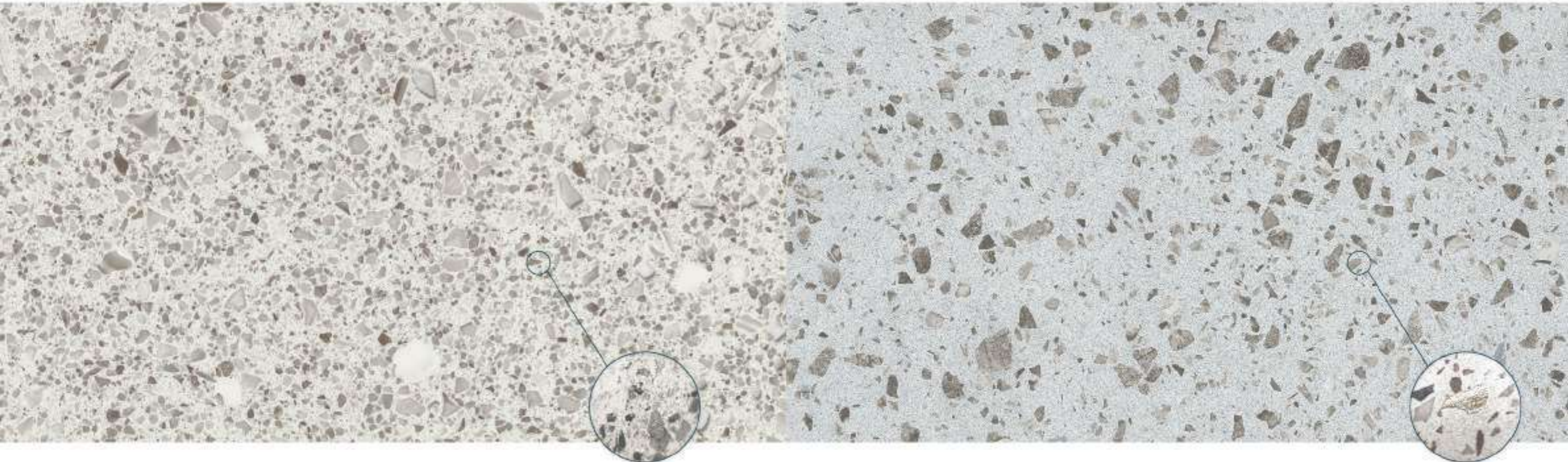


**GTE02 VERON**  
60x60cm  
matt

V2

COLOURED

**NIRO GRANITE**



with  
Embossed Effect

with  
Glossy Effect



**GTE03 CARRA**  
60x60cm  
embossed V2



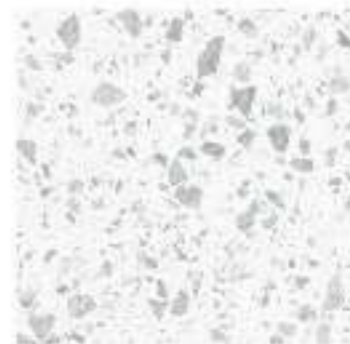
**GTE04 TINO**  
60x60cm  
embossed V2



**GTE05 LUDO**  
60x60cm  
embossed V2



**GTE06 BORROMI**  
60x60cm  
matt V2



**GTE07 CASTELLI**  
60x60cm  
matt V2



**GTE08 BERNINI**  
60x60cm  
matt V2



**GTE09 CORTINI**  
60x60cm  
matt V2

## TECHNICAL SPECIFICATIONS

DESCRIPTION	STANDARD TEST	MEASUREMENT UNIT	ISO STANDARD REQUIREMENT	NIRO GRANITE
Length & Width	ISO 10545 -2	mm	±0.6% Max	±0.30% Max
Thickness	ISO 10545 -2	mm	±5.0% Max	±5.0% Max
Sides Straightness	ISO 10545 -2	mm	±0.5% Max	±0.25% Max
Rectangularity	ISO 10545 -2	mm	±0.5% Max	±0.25% Max
Flatness: a) Centre Curvature	ISO 10545 -2	mm	±0.5% Max	±0.25% Max
b) Edge Curvature	ISO 10545 -2	mm	±0.5% Max	±0.25% Max
c) Warpage	ISO 10545 -2	mm	±0.5% Max	±0.25% Max
Surface Quality	ISO 10545 -2	One Major Area of Tiles	≥ 95% free from visible defect	Comply
Water Absorption	ISO 10545 -3	Mass	≤0.5%	≤0.25%
Breaking Strength	ISO 10545 -4	N	≥ 1300 N	≥ 1300 N
Modulus of Rupture	ISO 10545 -4	N/mm <sup>2</sup>	≥ 35 N/mm <sup>2</sup> Individual ≥ 32 N/mm <sup>2</sup>	≥ 35 N/mm <sup>2</sup> Individual ≥ 32 N/mm <sup>2</sup>
Abrasion Resistance				
a) Deep Abrasion for unglazed tiles	ISO 10545 -6	mm <sup>3</sup>	≤ 175 mm <sup>3</sup>	≤ 160 mm <sup>3</sup>
b) Surface Abrasion for glazed tiles	ISO 10545 -7	Visual Check	Manuf. to state abrasion class, cycle and passed	≥ PEI 3 (Dependent on product type <sup>1</sup> )
Crazing Test (glazed tiles)	ISO 10545 -11	Visual Check	No Sign of Crazing	No Sign of Crazing
Frost Resistance	ISO 10545 -12	Visual Check	Required	No Visible Crack
Chemical Resistance				
a) Low concentrations	ISO 10545 -13	Visual Check	Manuf. To State	Max visible change on cut side (Dependent on Product Type <sup>1</sup> )
b) Household chemicals and swimming pool salts	ISO 10545 -13	Visual Check	≥ Class B	≥ Class B
Stain Resistance				
a) For unglazed tiles	ISO 10545 -14	Visual Check	Manuf. to State	≥ Class 3
b) For glazed tiles	ISO 10545 -14	Visual Check	≥ Class 3	≥ Class 3
Coefficient of friction (wet and dry) (Excluding Polished and Semi-polished tile)	AS/NZS 4586-2013 App.D	Manuf. To State	Manuf. to State	Wet Pendulum ≥ P1 (Dependent on product type <sup>1</sup> )

<sup>1</sup> Refer to test report for specific test result.

Each different tiles series are produced to meet different performance requirements. For specific product technical performance, please request from Niro Granite sales team or their agent or distributor.

Colour Variations: Since the colour reproduction in this printed page will vary from the actual tile colours, final selection should be made from tile samples.  
Colour, shade and glaze variations may exist due to the inherent characteristics of porcelain tile.



Due to the low porosity of porcelain tiles, an Improved High Performance Cementitious adhesive in accordance to BS EN 12004 & ISO 13000-1 is highly recommended for proper installation. Products that meet this standard are available amongst leading adhesive manufacturers. Please seek expert advice from adhesive manufacturers for proper selection and application.

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