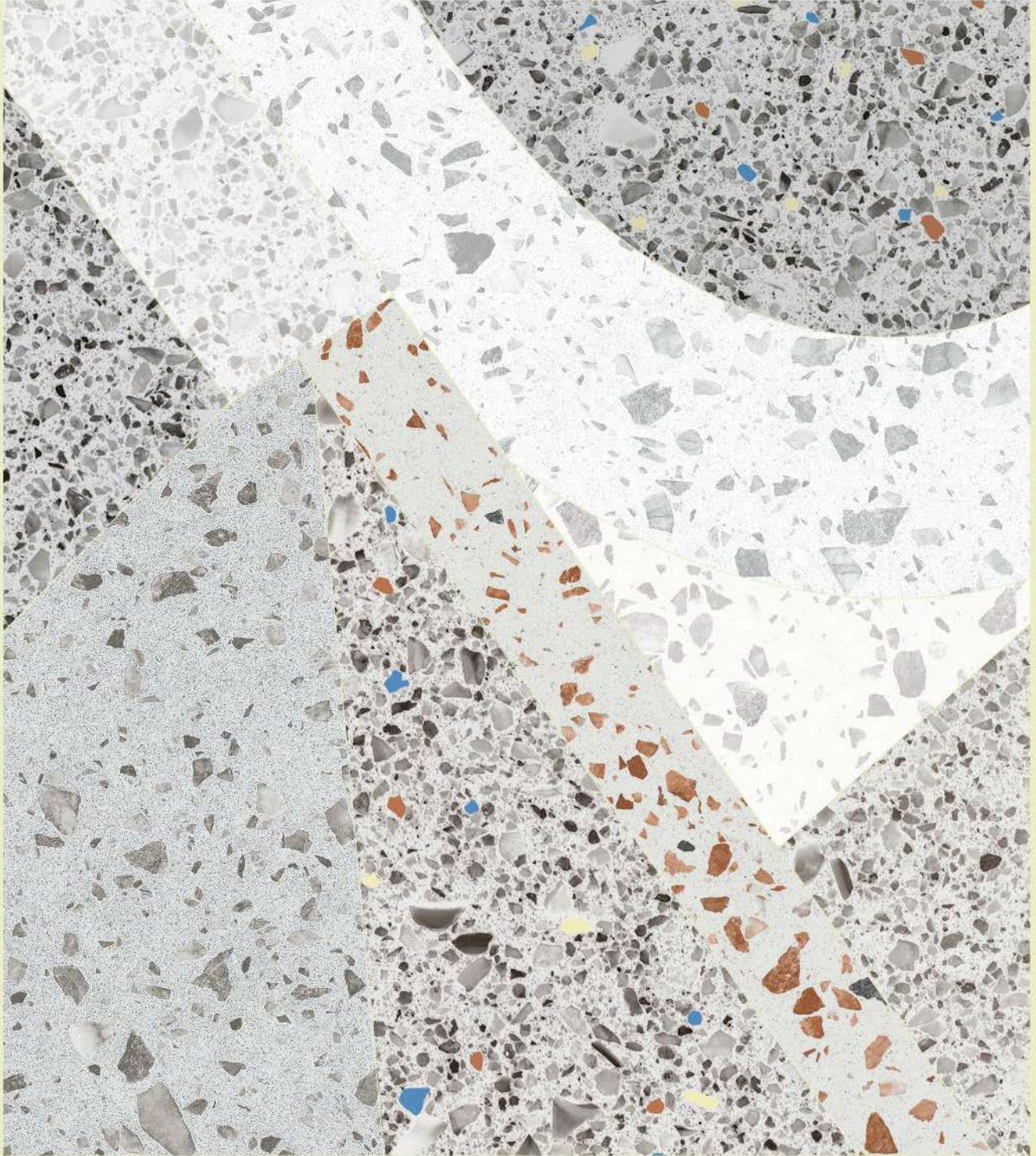


TERRA-ARTE

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.

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FLOOR
-
GTE01 PAOLO
-
60x60cm
-
matt





WALL
-
GTE04 TINO
-
60x60cm
-
embossed





WALL
-
GTE08 BERNINI
-
60x60cm
-
matt



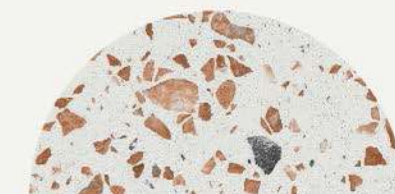


WALL
-
GTE05 LUDO
-
60x60cm
-
embossed

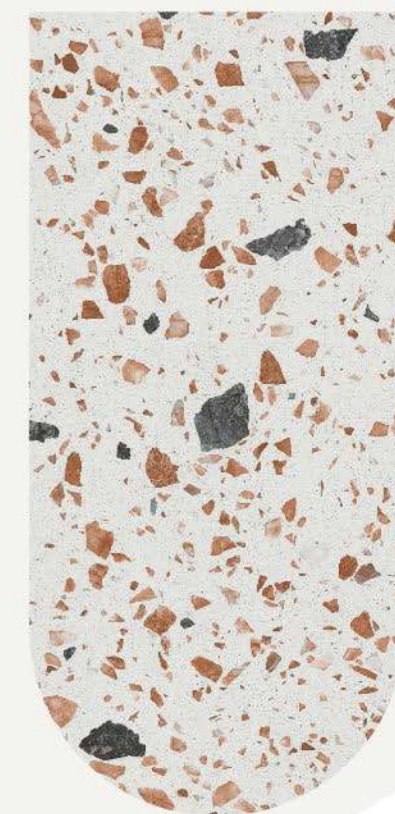


FLOOR
-
GTE07 CASTELLI
-
60x60cm
-
matt

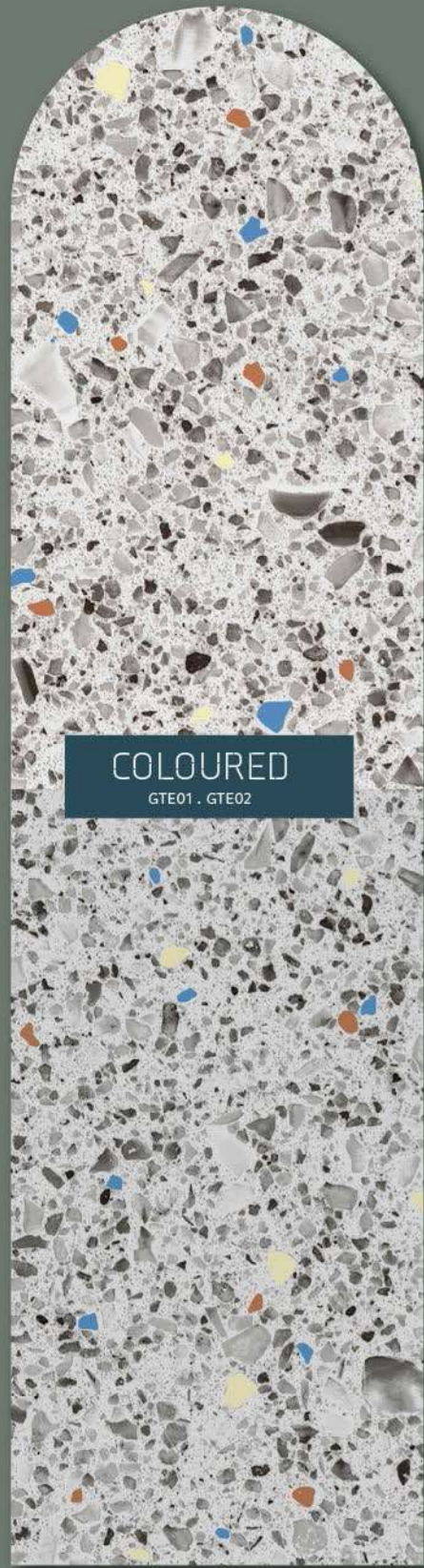




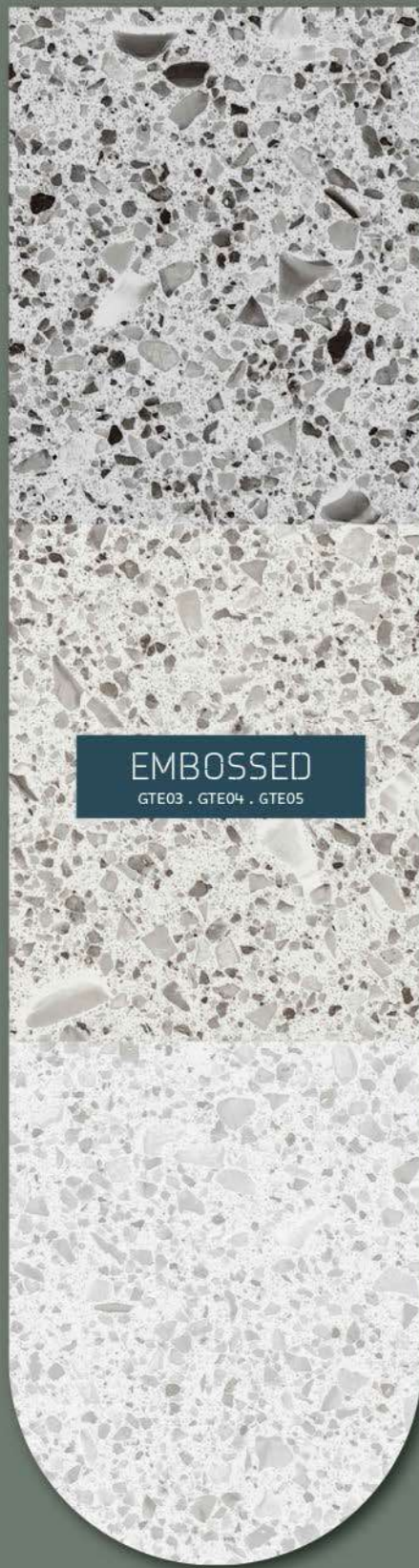
FLOOR
-
GTE09 CORTINI
-
60x60cm
-
matt



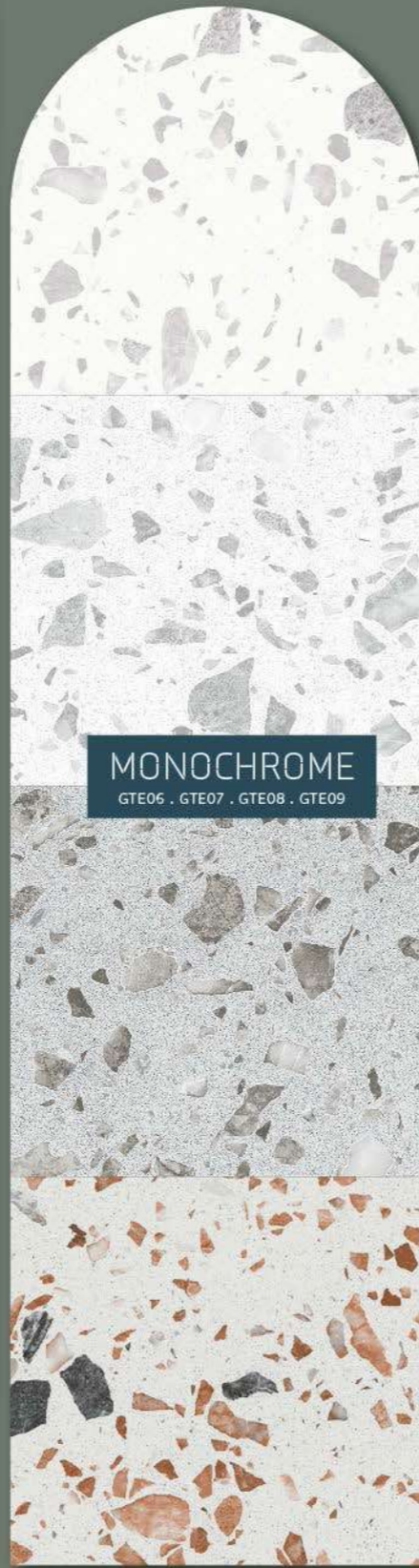
3 DIFFERENT TYPE



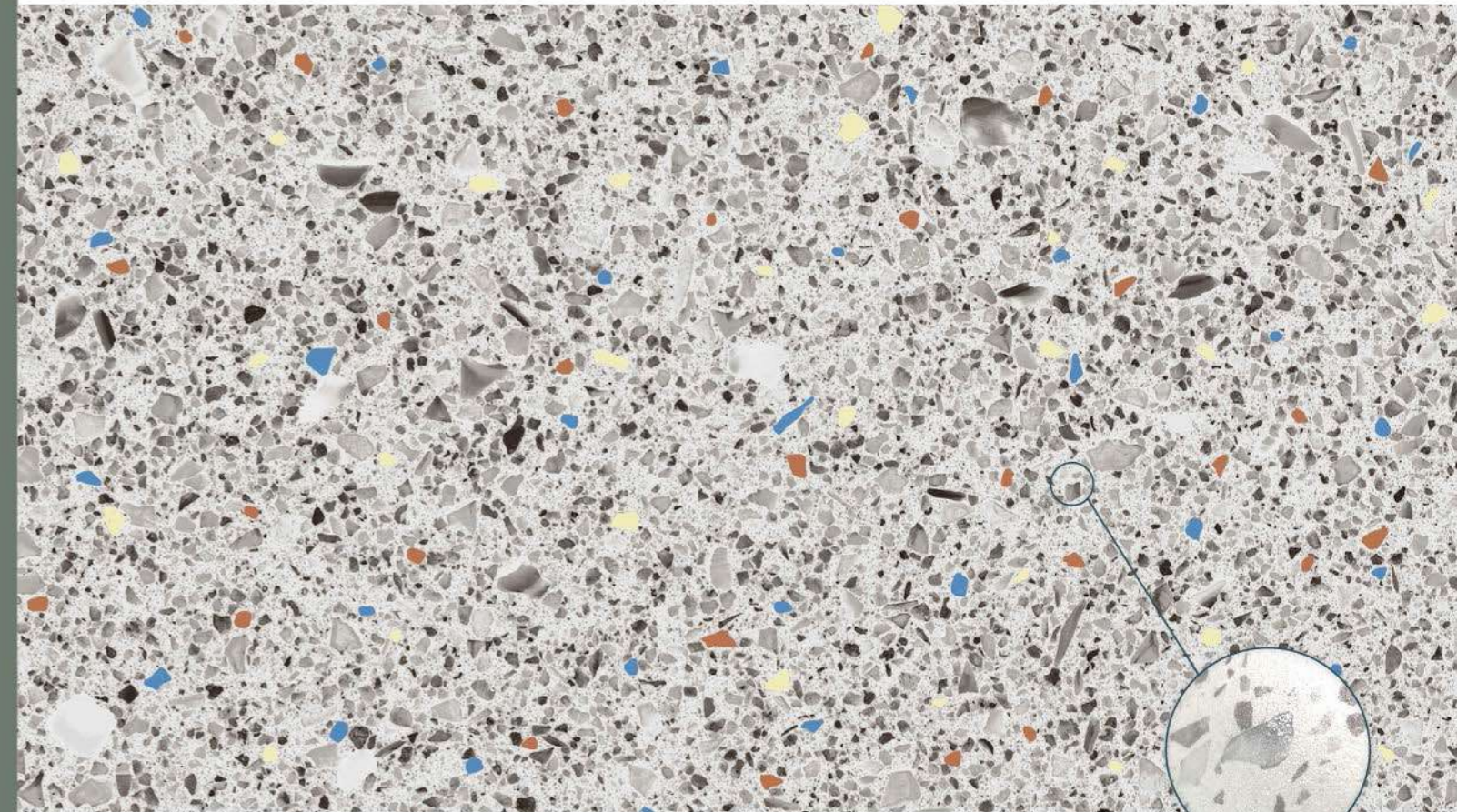
COLOURED
GTE01 . GTE02



EMBOSSED
GTE03 . GTE04 . GTE05



MONOCHROME
GTE06 . GTE07 . GTE08 . GTE09

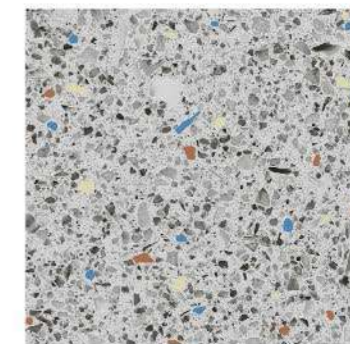


with
Glossy Effect



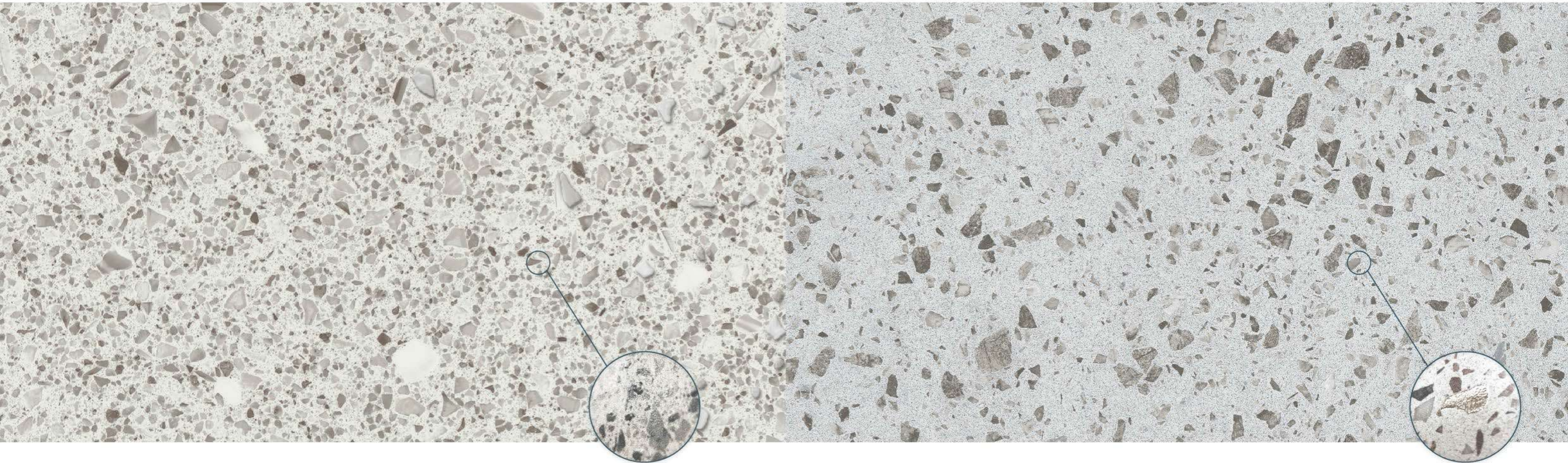
GTE01 PAOLO
60x60cm
matt

V2



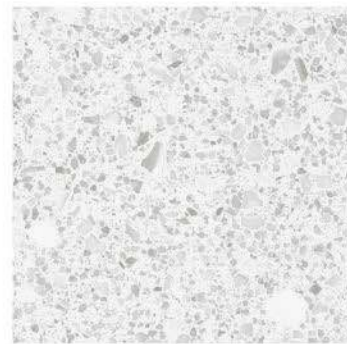
GTE02 VERON
60x60cm
matt

V2



with
Embossed Effect

with
Glossy Effect



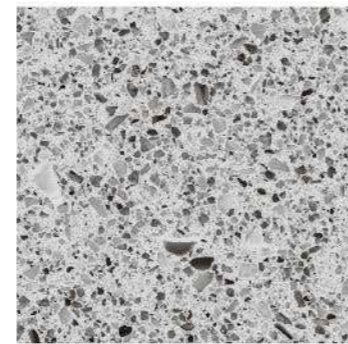
GTE03 CARRA
60x60cm
embossed

V2



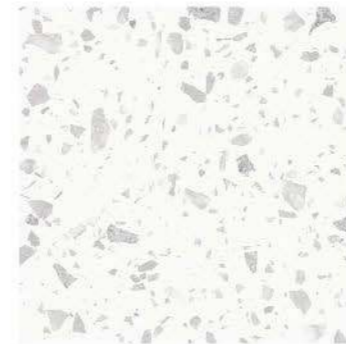
GTE04 TINO
60x60cm
embossed

V2



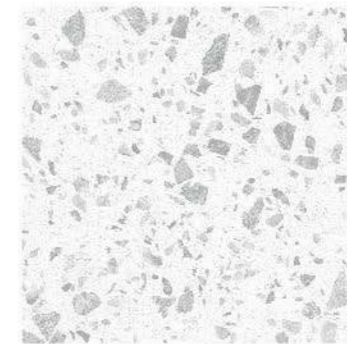
GTE05 LUDO
60x60cm
embossed

V2



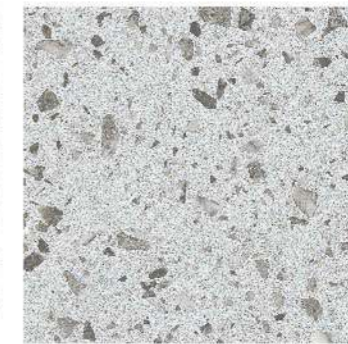
GTE06 BORROMI
60x60cm
matt

V2



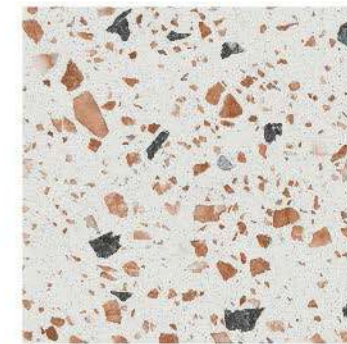
GTE07 CASTELLI
60x60cm
matt

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 ²	≥ 35 N/mm ² Individual ≥ 32 N/mm ²	≥ 35 N/mm ² Individual ≥ 32 N/mm ²
Abrasion Resistance				
a) Deep Abrasion for unglazed tiles	ISO 10545 -6	mm ³	≤ 175 mm ³	≤ 160 mm ³
b) Surfaces Abrasion for glazed tiles	ISO 10545 -7	Visual Check	Manuf. to state abrasion class, cycle and passed	≥ PEI 3 (Dependent on product type)*
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)*
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/NZA 4586-2013 App.D.	Manuf. To State	Manuf. to State	Oil / Wet Ramp ≥ R9 (Dependent on product type)*

* 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 piece 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 13007-1 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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