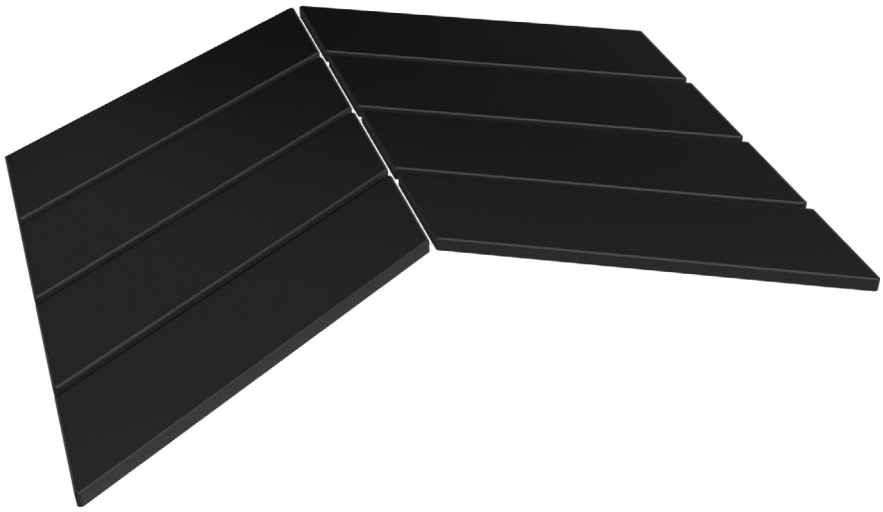
BREZZA

DESIGN ITALY

Technical sheet
BZ9802104

Sigma
Black
BZ9802104

BREZZA
DESIGN ITALY



Sigma Black

The SIGMA BLACK from BREZZA Design Italy, with its dynamic interlocking shape, evokes the majestic shape of the mountains. They are large pieces, making installation easier. Its resistance and durability is given by its composition, allowing it to be a mosaic perfectly installable in any space, be it floors, walls, interior or exterior spaces. Its black color gives its spaces elegance, and it can undoubtedly become a very interesting focal point when decorating your spaces.

- PT — Glazed finish
- Matt
- Suitable for floor instalation
- Suitable for wall instalation
- Exterior
- Interior
- High traffic
- V1 — V1 shade variation

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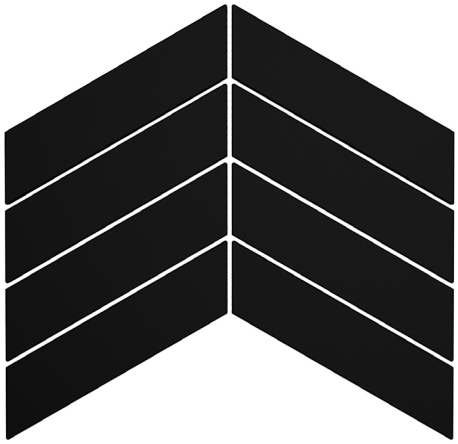

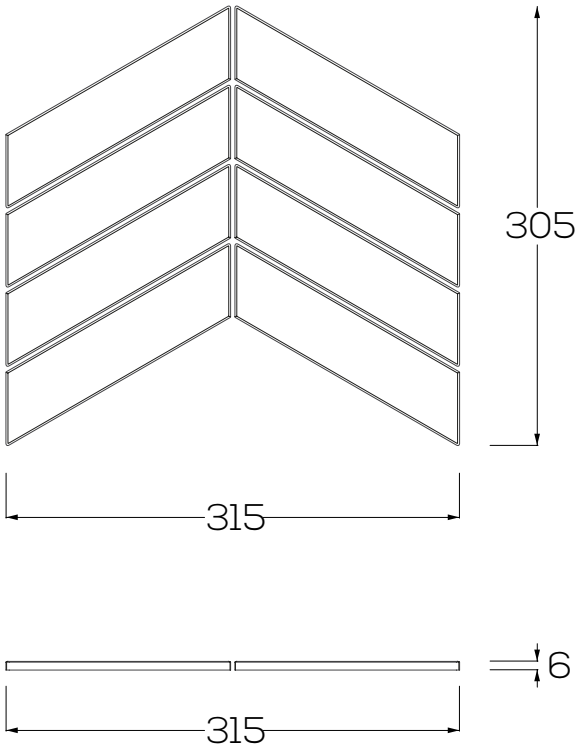

Texture

The Sigmas are porcelain tiles with a matte black enamel on top. Due to the composition of the mosaic, it has zero water absorption and high resistance to temperature variations, shocks, scratches and other situations that may affect its appearance. It is a durable and timeless mosaic with a smooth texture that is very elegant, subtle and pleasing to the eye.

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Black
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SPECIFICATION	TEST METHODS	REQUIREMENTS IN ACCORDANCE TO THE STANDARDS	BREZZA AVERAGE VALUE
WATER ABSORPTION	ISO 10545-3	≤ 0,5%	≤ 0,2%
FLEXURAL RESISTANCE	ISO 10545-4	Min./MNH 35 N/mm^2	Min./MNH 40 N/mm2
MODULUS OF RUPTURE	ISO 10545-4	THICKNESS ≥ 7,5mm: min. 1300 N	THICKNESS ≥ 7,5mm: min. 1300 N
DEEP ABRASION RESISTANCE	ISO 10545-6	≤ 175 mm^3	≤ 175 mm3
RESISTANCE TO SURFACE ABRASION	ISO 10545-7	CLASSES 0-5	CLASSES 0-5
LINEAR EXPANSION THERMIC COEFFICIENT	ISO 10545-8	AVAILABLE ON REQUEST	INSIGNIFICANT
RESISTANCE TO SUDDEN TEMPERATURE CHANGES	ISO 10545-9	AVAILABLE ON REQUEST	YES
FROST RESISTANCE	ISO 10545-12	ALWAYS TESTED – EXIGEE	ALWAYS TESTED – EXIGEE
HOUSEHOLD CHEMICALKS AND SWIMMING POOL WATER CLEANSERS	ISO 10545-13	UGL min. UB MNH. UB GL min. GB MNH. GB UGL FROM ULA, ULB TO ULC - DE ULB A ULC GL FROM GLA, GLB TO GLC - DE GLA, GLB A GLC	UGL min. UB MNH. UB GL min. GB MNH. GB UGL FROM ULA, ULB TO ULC- DE ULB A ULC GL FROM GLA, GLB TO GLC- DE GLA, GLB A GLC
ACIDS AND LOW CONCENTRATION ALKALIS	ISO 10545-13	UGL min. UB MNH. UB GL min. GB MNH. GB UGL FROM ULA, ULB TO ULC - DE ULB A ULC GL FROM GLA, GLB TO GLC - DE GLA, GLB A GLC	UGL min. UB MNH. UB GL min. GB MNH. GB UGL FROM ULA, ULB TO ULC - DE ULB A ULC GL FROM GLA, GLB TO GLC - DE GLA, GLB A GLC
ACIDS AND HIGH CONCENTRATION ALKALIS		AVAILABLE ON REQUEST	AVAILABLE ON REQUEST
STAIN RESISTANCE	ISO 10545-14	AVAILABLE ON REQUEST	STAIN RESISTANCE
COLOURS STABILITY TO LIGHT	DIN 51094	THEY DO NOT HAVE TO SHOW VISIBLE COLOUR ALTERATION	STABLE IN OUTDOOR AND INDOOR CONDITIONS

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HILARY FRENCH
www.brezzadesign.it