

porter



technical information

artic

properties	value
DENSITY	2880 kg/mc
COMPRESSIVE STRENGTH	209 MPa
FLEXURAL STRENGTH	11.5 MPa
OPEN POROSITY	1.7 %
WATER ABSORPTION	0.42%
FROST RESISTANCE	Partly
IMPORTANT	PORTER is a decorative design element and should be handled with care. Installation should be completed on a non-moisture sensitive substrate, using a fast setting adhesive, stone friendly grout and silicones. Upon installation, the stone should be sealed with appropriate stone sealer, prior and after grouting.

Variation is an inherent property of tiles and stone. Sizes are nominal and may include a joint.

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technical information

carrara

properties	value
DENSITY	2699 kg/mc
COMPRESSIVE STRENGTH	130 MPa
FLEXURAL STRENGTH	22 MPa
OPEN POROSITY	0.7%
WATER ABSORPTION	0.2%
FROST RESISTANCE	Partly
IMPORTANT	PORTER is a decorative design element and should be handled with care. Installation should be completed on a non-moisture sensitive substrate, using a fast setting adhesive, stone friendly grout and silicones. Upon installation, the stone should be sealed with appropriate stone sealer, prior and after grouting.

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jade

properties	test method	value
WATER ABSORPTION	UNE EN 13755	0.40%
FLEXURAL STRENGTH	UNE EN 12372	14 MPa
IMPACT RESISTANCE	UNE EN 14158	49 cm
BULK DENSITY	UNE EN 1936	2.68 g/cm ³
COMPRESSIVE STRENGTH	UNE EN 1926	142.7 MPa
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rosa zarci

properties	value
COMPRESSIVE TENSILE STRENGTH	1805 kg/cm ²
TENSILE STRENGTH AFTER FREEZE-THAW CYCLES	740 kg/cm ²
UNITARY MODULUS OF BENDING TENSILE STRENGTH	139 kg/cm ²
HEAT EXPANSION COEFFICIENT	0.0045 mm/m °C
RESISTANCE TO CHEMICALS	0.012%
RESISTANCE TO STAINING	29 cm
IMPACT RESISTANCE, MINIMUM DROP HEIGHT	2686 kg/m ³
IMPORTANT	PORTER is a decorative design element and should be handled with care. Installation should be completed on a non-moisture sensitive substrate, using a fast setting adhesive, stone friendly grout and silicones. Upon installation, the stone should be sealed with appropriate stone sealer, prior and after grouting.

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trachite

properties	value
DENSITY (MASSA UNIT VOLUME)	2530 kg/m ³
WATER ABSORPTION	1.55%
COMPRESSIVE STRENGTH (SIMPLE)	175 -192 MPa
COMPRESSIVE STRENGTH (AFTER FREEZING)	192 MPa
FLEXURAL STRENGTH	19.6 MPa
ABRASION RESISTANCE	0.80
IMPORTANT	PORTER is a decorative design element and should be handled with care. Installation should be completed on a non-moisture sensitive substrate, using a fast setting adhesive, stone friendly grout and silicones. Upon installation, the stone should be sealed with appropriate stone sealer, prior and after grouting.

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technical information

trav

properties	value
COMPRESSIVE TENSILE STRENGTH	957 kg/cm ²
BENDING STRENGTH	880 kg/cm ²
BREAKING STRENGTH	127 kg/cm ²
ABRASION RESISTANCE	0.0045 mm/m °C
RESISTANCE TO CHEMICALS	1.00%
RESISTANCE TO STAINING	29 cm
IMPACT RESISTANCE, MINIMUM DROP HEIGHT	Class 5
IMPORTANT	PORTER is a decorative design element and should be handled with care. Installation should be completed on a non-moisture sensitive substrate, using a fast setting adhesive, stone friendly grout and silicones. Upon installation, the stone should be sealed with appropriate stone sealer, prior and after grouting.

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volcano

properties	value
TOLERANCES ON DIMENSIONS	Class 2
COMPRESSIVE STRENGTH	131.5 MPa
FLEXURAL STRENGTH	19.5 MPa
MATERIAL DENSITY	2730 kg/m ³
ABRASION RESISTANCE	23.5 mm
WATER ABSORPTION	0.07%
IMPORTANT	PORTER is a decorative design element and should be handled with care. Installation should be completed on a non-moisture sensitive substrate, using a fast setting adhesive, stone friendly grout and silicones. Upon installation, the stone should be sealed with appropriate stone sealer, prior and after grouting.

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