



## Technical Informations Slates

### Technical Characteristics

GREEN AND WINE	RESULTS
WATER ABSORPTION (%)	0,42
FLEXURAL STRENGTH TESTS (NEWTON/ mm <sup>3</sup> )	44
MOHS	3
DEEP ABRASION RESISTANCE (mm <sup>3</sup> )	710
FROST RESISTANCE	Good
VOLUMETRIC WEIGHT	2720 Kg/m <sup>3</sup>
COMPRESSION BREAKING STRENGTH	208 Mpa
IMBIBITION COEFICIENT	0,616%
ULTIMATE TENSILE STRENGTH	24,3 Mpa
ULTIMATE TENSILE STRENGTH AFTER FREEZING	20 Mpa
FRICITIONAL WEAR TEST , TRIBOMETER APPARATUS	7,57 mm
SLIP RESISTANCE	Rubber sole dry floor: Very good Rubber sole wet floor: Good Leather sole dry floor: Good

GREY SLATE	RESULTS
WATER ABSORPTION (%)	0,23
FLEXURAL STRENGTH TESTS (NEWTON/mm <sup>2</sup> )	59
MOHS	3
DEEP ABRASION RESISTANCE (mm <sup>3</sup> )	650
FROST RESISTANCE	Good
VOLUMETRIC WEIGHT	2720 Kg/m <sup>3</sup>
COMPRESSION BREAKING STRENGTH	208 Mpa
IMBIBITION COEFICIENT	0,616%
ULTIMATE TENSILE STRENGTH	24,3 Mpa
ULTIMATE TENSILE STRENGTH AFTER FREEZING	20 Mpa
FRICITIONAL WEAR TEST , TRIBOMETER APPARATUS	7,57 mm
SLIP RESISTANCE	Rubber sole dry floor: Very good Rubber sole wet floor: Good Leather sole dry floor: Good



Instituto de Geociências e Ciências Exatas

Universidade Estadual Paulista

Campus Rio Claro

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<b>BLACK SLATE</b>	<b>RESULTS</b>
WATER ABSORPTION (%)	0,20
FLEXURAL STRENGTH TESTS (NEWTON/mm2)	59
MOHS	3
DEEP ABRASION RESISTANCE (mm <sup>3</sup> )	630
FROST RESISTANCE	Very good
VOLUMETRIC WEIGHT	2744 Kg/m <sup>3</sup>
COMPRESSION BREAKING STRENGTH.	205 Mpa
IMBIBITION COEFICIENT	0,38616%
ULTIMATE TENSILE STRENGTH	36,5 Mpa
ULTIMATE TENSILE STRENGTH AFTER FREEZING	30,5 Mpa
FRictional WEAR TEST, TRIBOMETER APPARATUS	6,85 mm
SLIP RESISTANCE	Rubber sole dry floor: Very good Rubber sole wet floor: Good Leather sole dry floor: Good

<b>OXIDO SLATE</b>	<b>RESULTS</b>
WATER ABSORPTION (%)	0,38
FLEXURAL STRENGTH TESTS (NEWTON/mm2)	59
MOHS	3
DEEP ABRASION RESISTANCE ( mm <sup>3</sup> )	650
FROST RESISTANCE	Very good
VOLUMETRIC WEIGHT.	2722 Kg/m <sup>3</sup>
COMPRESSION BREAKING STRENGTH	204 Mpa
IMBIBITION COEFICIENT	0,490 %
ULTIMATE TENSILE STRENGTH	31,3 Mpa
ULTIMATE TENSILE STRENGTH AFTER FREEZING	20,6 Mpa
FRictional WEAR TEST ,TRIBOMETER APPARATUS	6,50 mm
SLIP RESISTANCE	Rubber sole dry floor: Very good Rubber sole wet floor: Good Leather sole dry floor: Good