



MATACON WAVE SLATE

Reference name: **UNI EN 12326-1, 1341, 1343, 1469, 12057, 12058**

Products: **Slabs, Inner/Outer Coverings, Flooring Tiles**

Denomination (EN 12440)

- Traditional Name: **MATACON "WAVE" SLATE**

Place of origin: **Brazil**

- Petro graphic Name: **Argilloscisti**

<i>Characteristic</i>	<i>Test Method</i>	<i>U.d.m.</i>	<i>Declared Values</i>
Reaction to fire	96/603 CE	-----	Class A1
Bending Strength – minimum values expected	UNIEN 12372	MPa	46,2
Bending Strength – medium values	UNIEM 12372	MPa	58,2
Bending Strength – standard deviation	UNIEM 12372	MPa	6,0
Frost Resistance – medium variation resistance (48 cycles)	UNIEM 12371	%	NPD
Water absorption	UNIEM 13755	%	0,2
Bulk density	UNIEM 1936	Kg/m ³	Da 2.709 a 2.727
Heat Shock - mass loss (20 cycle)	UNIEM 14066	%	NPD
Use abrasion resistance	UNIEM 14157	mm	27,9
Slide resistance dry natural surface	UNIEM 14231	srv dry	61
Slide resistance wet natural surface	UNIEM 14231	Srv wet	37
Strength of fixing - medium values	UNIEN 13364	N	3.550
Strength of fixing – standard deviation	UNIEN 13364	N	530
Minimal thickness and tolerance	UNIEN 12326	-----	conform
Performance under fire exposure	Without test	-----	satisfying
Bending resistance – characteristic longitudinal value	UNIEM 12326-2	MPa	55
Bending resistance – characteristic transversal value	UNIEM 12326-2	MPa	66
Carbohydrate Standard	UNIEM 12326-2	%	< 20
Standard of non-carbonate carbon	UNIEM 12326-2	%	conform: < 2
Frost Resistance	UNIEM 12326-2	-----	NPD
Resistance to thermal cycling	UNIEM 12326-2	-----	NPD
Resistance to sulphur dioxide exposure	UNIEN 12326-2	-----	conform with code S1