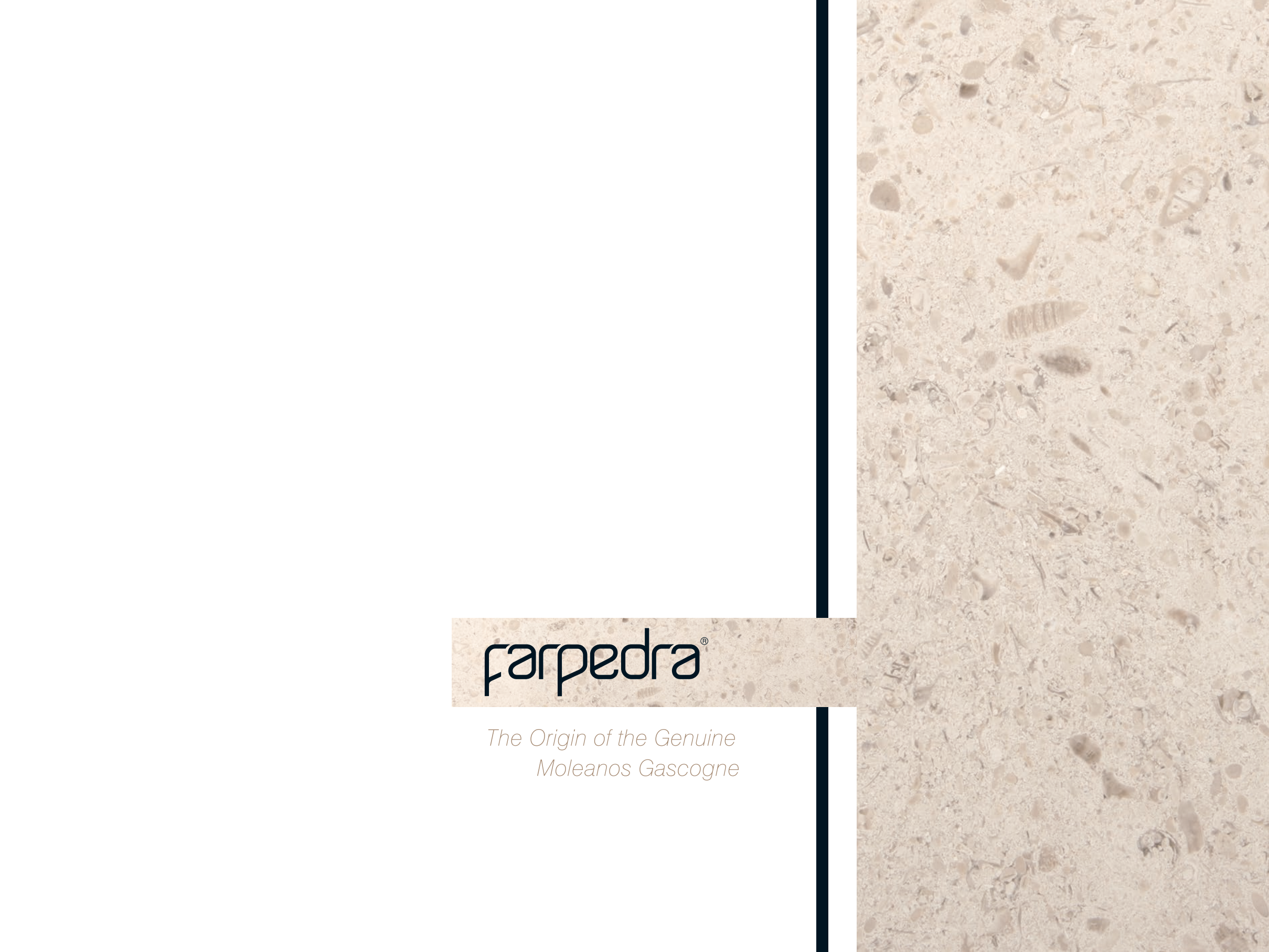




carpedra®

*The Origin of the Genuine
Moleanos Gascogne*

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company / history





Farpedra, a referência em pedra natural de Moleanos e Ataija.

A FARPEDRA é uma empresa Portuguesa do sector da Pedra Natural com forte projecção internacional que se dedica à exploração de calcários ornamentais no Maciço Calcário Estremenho, no concelho de Alcobaça.

Fundada em 1981, esta empresa da Família Farto Henriques foi criada com a experiência já então detida pelo seu fundador na extracção e comercialização de calcários, possuindo hoje três pedreiras sob a gestão da segunda geração desta família.

A Farpedra possui uma capacidade de produção elevada de diversas pedras naturais que granjeiam um inestimável prestígio, capaz de satisfazer os mais exigentes mercados nacionais e internacionais. Pela sua excelência, destacam-se os legítimos Moleanos Gascogne Blue e Moleanos Gascogne Beige, entre outras novas variedades de pedra Moleanos, bem como os Ataija Azul e Ataija Creme e Moca-Creme.

Líder na implementação de soluções tecnológicas inovadoras e na criação de valor na sua actividade, a Farpedra é uma empresa virada para o futuro apostando continuamente na formação dos seus colaboradores e na utilização de equipamentos de trabalho modernos e de elevada segurança.

Orgulhamo-nos de ser a referência mundial em pedra natural de Moleanos e Ataija.

Farpedra, the reference in natural stone of Moleanos and Ataija.

FARPEDRA is a Portuguese leading company of the Natural Stone sector with a strong international presence that is dedicated to the extraction of ornamental limestones in the Limestone Massif Estremenho, in the county of Alcobaça, Portugal.

Founded in 1981, this company of the Family Farto Henriques was created with the experience already held by its founder in the extraction and commercialization of limestones, now owning three quarries under the management of the second generation of this family.

Farpedra has a high production capacity of several natural stones that have some outstanding technical and aesthetical features capable of satisfying the most demanding national and international markets. For its excellence, we highlight the genuine Moleanos Gascogne Blue and Moleanos Gascogne Beige, among other new Moleanos stone varieties, as well as the Ataija Azul and Ataija Creme and Moca-Creme.

A leader in the implementation of innovative technological solutions and focused in the creation of value in its activity, Farpedra is a future-oriented company, constantly investing on the training of its employees and in the use of modern and safe work equipment.

We pride ourselves on being the world reference in natural stone of Moleanos and Ataija.



pedreiras próprias
own quarries

ATAÍJA



MOLEANOS



Optimização da produção, qualidade das pedras naturais, respeito pelo ambiente e segurança dos colaboradores são os princípios fundamentais da nossa actividade extractiva nas três pedreiras que exploramos.

Production optimization, quality of our natural stones, respect for the environment and safety of our employees are the fundamental principles of our extraction activity.



MOCA

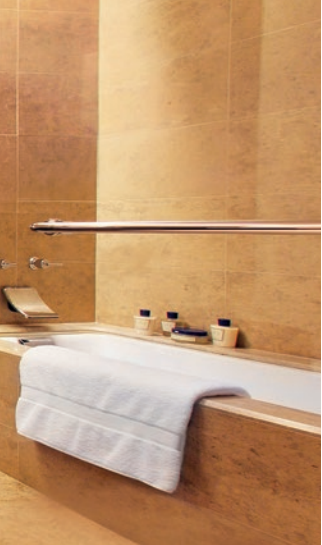


Sede Office | 39° 31' 13.2" (39.520333)
-8° 54' 54.7" (-8.915194)

Pedreiras Quarry

projectos
projects





os nossos produtos
our products







ataíja beige

Compressive Strength	189 Mpa
Compressive Strength after 48 Frost Cycles	171 Mpa
Flexural Strength under Concentrated Load	17.7 Mpa
Flexural Strength under Concentrated Load after 56 Frost Cycles	18.3 Mpa
Apparent Density	2650 Kg/m³
Open Porosity	1.4%
Water Absorption at Atmospheric Pressure	0.7%
Water Absorption Coefficient by Capillarity	1.46 g/ m².s ^{0.5}
Slip Resistance – Dry Conditions	66 SRV
Slip Resistance – Wet Conditions	54 SRV
Abrasion Resistance	19.5 mm

APLICAÇÃO APPLICATIONS



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Pavings



Fachadas
Facades



Cantaria
Masonry

ACABAMENTO FINISHING



Polido
Polished



Amaciado
Honed



Escovado
Brushed



Bujardado
Bush-hammered



Areado
Sandblasted

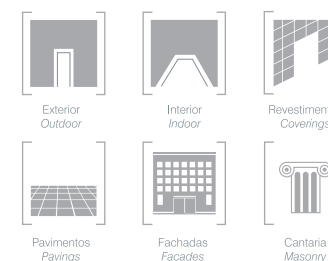


Flamejado
Flamed

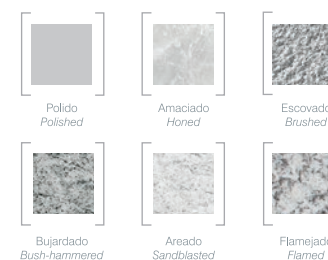


Compressive Strength	—
Compressive Strength after 48 Frost Cycles	—
Flexural Strength under Concentrated Load	14.0 Mpa
Flexural Strength under Concentrated Load after 56 Frost Cycles	15.1 MPa
Apparent Density	2670 Kg/m³
Open Porosity	1.2%
Water Absorption at Atmospheric Pressure	0.6%
Water Absorption Coefficient by Capillarity	0.99 g/ m².s ^{0.5}
Slip Resistance – Dry Conditions	65 SRV
Slip Resistance – Wet Conditions	55 SRV
Abrasion Resistance	19.5 mm

APLICAÇÃO APPLICATIONS



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ataíja blue

Compressive Strength	182 MPa
Compressive Strength after 48 Frost Cycles	-
Flexural Strength under Concentrated Load	22.7 Mpa
Flexural Strength under Concentrated Load after 56 Frost Cycles	22.4 MPa
Apparent Density	2670 Kg/m³
Open Porosity	1.4%
Water Absorption at Atmospheric Pressure	0.5%
Water Absorption Coefficient by Capillarity	0.88 g/ m².s ^{0.5}
Slip Resistance – Dry Conditions	68 SRV
Slip Resistance – Wet Conditions	53 SRV
Abrasion Resistance	19.5 mm

APLICAÇÃO APPLICATIONS



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Escovado
Brushed



Bujardado
Bush-hammered



Areado
Sandblasted



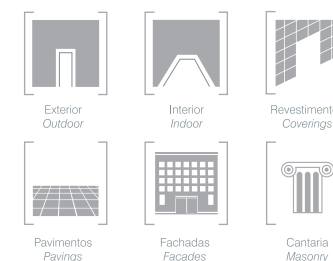
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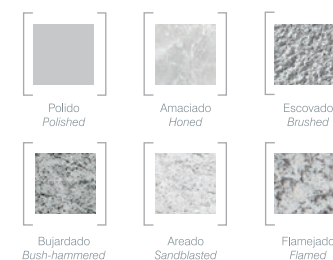
ataíja blue vein cut

Compressive Strength	—
Compressive Strength after 48 Frost Cycles	—
Flexural Strength under Concentrated Load	—
Flexural Strength under Concentrated Load after 56 Frost Cycles	—
Apparent Density	2660 Kg/m³
Open Porosity	1.4%
Water Absorption at Atmospheric Pressure	0.6%
Water Absorption Coefficient by Capillarity	0.88 g/ m².s ^{0.5}
Slip Resistance – Dry Conditions	68 SRV
Slip Resistance – Wet Conditions	53 SRV
Abrasion Resistance	19.5 mm

APLICAÇÃO APPLICATIONS



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moleanos

gascogne blue

fine grain

Compressive Strength	165 MPa
Compressive Strength after 48 Frost Cycles	
Flexural Strength under Concentrated Load	14.6 MPa
Flexural Strength under Concentrated Load after 56 Frost Cycles	
Apparent Density	2650 Kg/m³
Open Porosity	2.0%
Water Absorption at Atmospheric Pressure	0.7%
Water Absorption Coefficient by Capillarity	2.50 g/ m².s ^{0.5}
Slip Resistance – Dry Conditions	61 SRV
Slip Resistance – Wet Conditions	17 SRV
Abrasion Resistance	18.0 mm

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Brushed



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Bush-hammered



Areado
Sandblasted



Flamejado
Flamed

moleanos gascogne blue

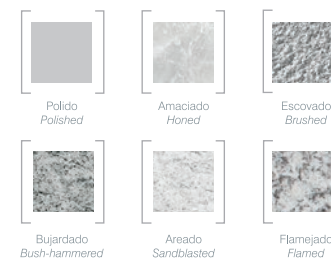
fine grain vein cut

Compressive Strength	
Compressive Strength after 48 Frost Cycles	
Flexural Strength under Concentrated Load	
Flexural Strength under Concentrated Load after 56 Frost Cycles	
Apparent Density	2650 Kg/m ³
Open Porosity	2,0%
Water Absorption at Atmospheric Pressure	0,7%
Water Absorption Coefficient by Capillarity	2,50 g/ m ² .s ^{0,5}
Slip Resistance – Dry Conditions	61 SRV
Slip Resistance – Wet Conditions	17 SRV
Abrasion Resistance	18,0 mm

APLICAÇÃO APPLICATIONS



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moleanos

gascogne blue

thick grain

Compressive Strength	165 MPa
Compressive Strength after 48 Frost Cycles	
Flexural Strength under Concentrated Load	14,6 MPa
Flexural Strength under Concentrated Load after 56 Frost Cycles	
Apparent Density	2650 Kg/m³
Open Porosity	2,0%
Water Absorption at Atmospheric Pressure	0,7%
Water Absorption Coefficient by Capillarity	2,50 g/ m².s ^{0,5}
Slip Resistance – Dry Conditions	61 SRV
Slip Resistance – Wet Conditions	17 SRV
Abrasion Resistance	18,0 mm

APLICAÇÃO APPLICATIONS



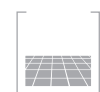
Exterior
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Indoor



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Facades



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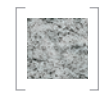
Polido
Polished



Amaciado
Honed



Escovado
Brushed



Bujardado
Bush-hammered



Areado
Sandblasted



Flamejado
Flamed



moleanos gascogne blue

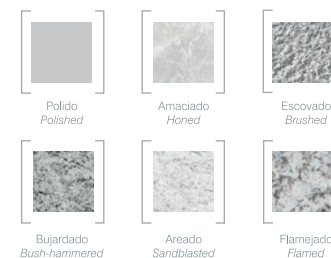
medium grain

Compressive Strength	165 MPa
Compressive Strength after 48 Frost Cycles	
Flexural Strength under Concentrated Load	14.6 Mpa
Flexural Strength under Concentrated Load after 56 Frost Cycles	
Apparent Density	2650 Kg/m ³
Open Porosity	2.0%
Water Absorption at Atmospheric Pressure	0.7%
Water Absorption Coefficient by Capillarity	2.50 g/ m ² .s ^{0.5}
Slip Resistance – Dry Conditions	61 SRV
Slip Resistance – Wet Conditions	17 SRV
Abrasion Resistance	18.0 mm

APLICAÇÃO APPLICATIONS



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moleanos gascogne mix

Compressive Strength	139 MPa
Compressive Strength after 48 Frost Cycles	
Flexural Strength under Concentrated Load	13.9 MPa
Flexural Strength under Concentrated Load after 56 Frost Cycles	11.9 MPa
Apparent Density	2660 Kg/m³
Open Porosity	1.5%
Water Absorption at Atmospheric Pressure	0.6%
Water Absorption Coefficient by Capillarity	0.83 g/ m².s ^{0.5}
Slip Resistance – Dry Conditions	58 SRV
Slip Resistance – Wet Conditions	17 SRV
Abrasion Resistance	18.5 mm

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Polido
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Amaciado
Honed



Escovado
Brushed



Bujardado
Bush-hammered



Areado
Sandblasted



Flamejado
Flamed



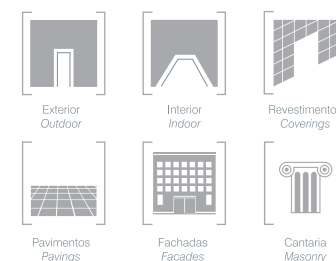
moleanos

gascogne beige

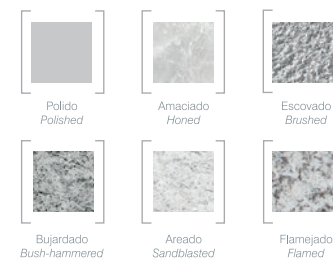
medium grain

Compressive Strength	139 MPa
Compressive Strength after 48 Frost Cycles	
Flexural Strength under Concentrated Load	13.9 Mpa
Flexural Strength under Concentrated Load after 56 Frost Cycles	11.9 MPa
Apparent Density	2660 Kg/m ³
Open Porosity	1.5%
Water Absorption at Atmospheric Pressure	0.6%
Water Absorption Coefficient by Capillarity	0.83 g/ m ² .s ^{0.5}
Slip Resistance – Dry Conditions	58 SRV
Slip Resistance – Wet Conditions	17 SRV
Abrasion Resistance	16.5 mm

APLICAÇÃO APPLICATIONS



ACABAMENTO FINISHING



moleanos

gascogne beige

fine grain

Compressive Strength	139 MPa
Compressive Strength after 48 Frost Cycles	
Flexural Strength under Concentrated Load	13.9 MPa
Flexural Strength under Concentrated Load after 56 Frost Cycles	11.9 MPa
Apparent Density	2660 Kg/m³
Open Porosity	1.5%
Water Absorption at Atmospheric Pressure	0.6%
Water Absorption Coefficient by Capillarity	0.83 g/ m².s ^{0.5}
Slip Resistance – Dry Conditions	58 SRV
Slip Resistance – Wet Conditions	17 SRV
Abrasion Resistance	18.5 mm

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Pavings

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Facades

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Masonry

ACABAMENTO FINISHING

Polido
Polished

Amaciado
Honed

Escovado
Brushed

Bujardado
Bush-hammered

Areado
Sandblasted

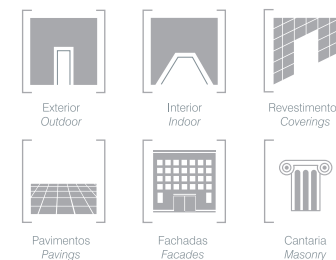
Flamejado
Flamed



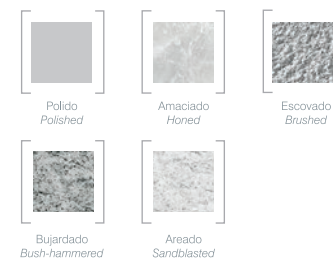
moleanos m6

Compressive Strength	119 MPa
Compressive Strength after 48 Frost Cycles	106 Mpa
Flexural Strength under Concentrated Load	12.5 Mpa
Flexural Strength under Concentrated Load after 56 Frost Cycles	9.4 MPa
Apparent Density	2510 Kg/m³
Open Porosity	5.9%
Water Absorption at Atmospheric Pressure	2.2%
Water Absorption Coefficient by Capillarity	11.10 g/ m².s ^{0.5}
Slip Resistance – Dry Conditions	77 SRV
Slip Resistance – Wet Conditions	64 SRV
Abrasion Resistance	25.5 mm

APLICAÇÃO APPLICATIONS



ACABAMENTO FINISHING





moleanos m7

Compressive Strength	165 MPa
Compressive Strength after 48 Frost Cycles	—
Flexural Strength under Concentrated Load	12,3 MPa
Flexural Strength under Concentrated Load after 56 Frost Cycles	—
Apparent Density	2630 Kg/m³
Open Porosity	2,8%
Water Absorption at Atmospheric Pressure	0,9%
Water Absorption Coefficient by Capillarity	2,37 g/ m².s ^{0,5}
Slip Resistance – Dry Conditions	—
Slip Resistance – Wet Conditions	—
Abrasion Resistance	—

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Polido
Polished



Amaciado
Honed



Escovado
Brushed



Bujardado
Bush-hammered



Areado
Sandblasted



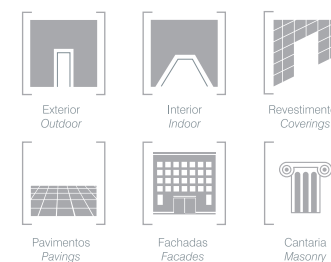
Flamejado
Flamed



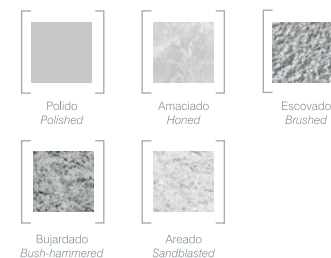
moleanos m8

Compressive Strength	141 MPa
Compressive Strength after 48 Frost Cycles	146 Mpa
Flexural Strength under Concentrated Load	18.4 Mpa
Flexural Strength under Concentrated Load after 56 Frost Cycles	16.7 MPa
Apparent Density	2580 Kg/m³
Open Porosity	3.9%
Water Absorption at Atmospheric Pressure	1.6%
Water Absorption Coefficient by Capillarity	6.91 g/m².s ^{0.5}
Slip Resistance – Dry Conditions	75 SRV
Slip Resistance – Wet Conditions	67 SRV
Abrasion Resistance	23.0 mm

APLICAÇÃO APPLICATIONS



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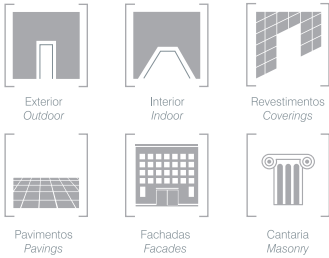




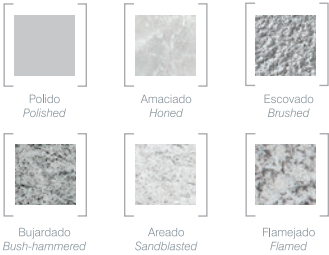
moleanos m9

Compressive Strength	157 MPa
Compressive Strength after 48 Frost Cycles	141 Mpa
Flexural Strength under Concentrated Load	20.7 Mpa
Flexural Strength under Concentrated Load after 56 Frost Cycles	19.1MPa
Apparent Density	2560 Kg/m³
Open Porosity	4.2%
Water Absorption at Atmospheric Pressure	1.7%
Water Absorption Coefficient by Capillarity	7.33 g/ m².s ^{0,5}
Slip Resistance – Dry Conditions	75 SRV
Slip Resistance – Wet Conditions	63 SRV
Abrasion Resistance	24.0 mm

APLICAÇÃO APPLICATIONS



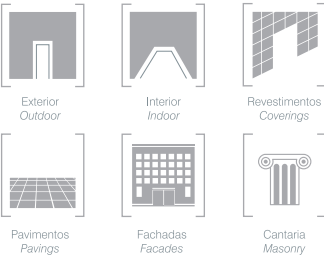
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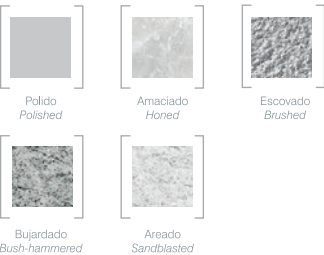
moleanos m10

Compressive Strength	131 MPa
Compressive Strength after 56 Frost Cycles	76 Mpa
Flexural Strength under Concentrated Load	12.6 Mpa
Flexural Strength under Concentrated Load after 56 Frost Cycles	13.3 MPa
Apparent Density	2550 Kg/m³
Open Porosity	4.9%
Water Absorption at Atmospheric Pressure	2.0%
Water Absorption Coefficient by Capillarity	8.90 g/ m².s ^{0.5}
Slip Resistance – Dry Conditions	58 SRV
Slip Resistance – Wet Conditions	18 SRV
Abrasion Resistance	20.0 mm

APLICAÇÃO APPLICATIONS



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moleanos m11

Compressive Strength	116 MPa
Compressive Strength after 48 Frost Cycles	82 Mpa
Flexural Strength under Concentrated Load	12.3 Mpa
Flexural Strength under Concentrated Load after 56 Frost Cycles	8.8 MPa
Apparent Density	2440 Kg/m³
Open Porosity	8.6%
Water Absorption at Atmospheric Pressure	3.7%
Water Absorption Coefficient by Capillarity	25.30g/ m².s ^{0.5}
Slip Resistance – Dry Conditions	52 SRV
Slip Resistance – Wet Conditions	21 SRV
Abrasion Resistance	23.5 mm

APLICAÇÃO APPLICATIONS



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Facades



Cantaria
Masonry

ACABAMENTO FINISHING



Polido
Polished



Amaciado
Honed



Escovado
Brushed



Bujardado
Bush-hammered



Areado
Sandblasted



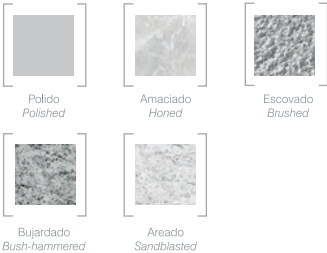
moleanos caravelle

Compressive Strength	—
Compressive Strength after 48 Frost Cycles	—
Flexural Strength under Concentrated Load	11.3 Mpa
Flexural Strength under Concentrated Load after 56 Frost Cycles	—
Apparent Density	2410 Kg/m³
Open Porosity	9.8%
Water Absorption at Atmospheric Pressure	4.2%
Water Absorption Coefficient by Capillarity	37.29 g/ m².s ^{1/2}
Slip Resistance – Dry Conditions	—
Slip Resistance – Wet Conditions	—
Abrasion Resistance	—

APLICAÇÃO APPLICATIONS



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moleanos mc3

Compressive Strength	100 MPa
Compressive Strength after 48 Frost Cycles	
Flexural Strength under Concentrated Load	11.9 MPa
Flexural Strength under Concentrated Load after 56 Frost Cycles	10.0 MPa
Apparent Density	2450 Kg/m³
Open Porosity	9.6%
Water Absorption at Atmospheric Pressure	3.6%
Water Absorption Coefficient by Capillarity	23.90g/m².s ^{0.5}
Slip Resistance – Dry Conditions	56 SRV
Slip Resistance – Wet Conditions	68 SRV
Abrasion Resistance	26.5 mm

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Facades



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Polido
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Amaciado
Honed



Escovado
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Bujardado
Bush-hammered



Areado
Sandblasted



moca medium grain

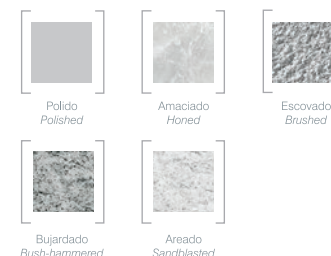
vein cut

Compressive Strength	—
Compressive Strength after 48 Frost Cycles	—
Flexural Strength under Concentrated Load	—
Flexural Strength under Concentrated Load after 56 Frost Cycles	—
Apparent Density	2515 Kg/m ³
Open Porosity	5.9%
Water Absorption at Atmospheric Pressure	2.3%
Water Absorption Coefficient by Capillarity	—
Slip Resistance – Dry Conditions	—
Slip Resistance – Wet Conditions	—
Abrasion Resistance	—

APLICAÇÃO APPLICATIONS



ACABAMENTO FINISHING





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Amaciado
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Brushed



Bujardado
Bush-hammered



Areado
Sandblasted



Flamejado
Flamed

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PORTUGAL

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