FRENCH LIMESTONE COLLECTION

POLYCOR
NATURAL STONE

Place du Trocadéro, Paris, France
MASSANGIS JAUNE
French limestone

FRENCH LIMESTONE: CENTURIES OF ELEGANCE

4600 Ma
Formation of the earth

2500 Ma
First cells
with nuclei

Plants, insects,
and fish

542 Ma

251 Ma

PRECAMBRIAN

PALEOZOIC

3800 Ma
Evidence of living
and cellular organisms

Trilobites

JURASSIC

DINOSAURS AND BIRDS

Stones from Burgundy: Anstrude, Bleu de Lignières, Buxy, Charmot, Chassagne, Chassenet, Massangis, Pouillenay, Rocherons, Saint-Nicolas, Valanges
Stones from Lorraine: Euville, Savonnières.
Stone from Poitou-Charentes: Vilhonneur

NEOGENE

HOMO SAPIENS SAPIENS

65 Ma

PRECAMBRIAN — CENOZOIC

200 Ma — **145 Ma** — **23 Ma**

PALEOGENE

PRIMATES

Stones from the Paris Basin: Liais, Saint-Leu, Saint-Maximin, Saint-Vaast, Sébastopol

TRIASSIC

CROCODILES

CRETACEOUS

FLOWERING PLANTS AND MAMMALS

Stones from Languedoc-Roussillon: Lens
Stones from Poitou-Charentes: Richemont, Sireuil
Stones from Aquitaine: Balzac, Chauvigny, Fontbelle, Tervoux, Tuffeau

Vilhonneur quarry

POLYCOR LIMESTONES

Originating From Earth: A Journey Millions of Years in the Making

Limestone is the result of extensive geological processes that have unfolded within the Earth over millions of years. Polycor's limestone quarries are strategically located in areas that once hosted ancient seas. Thanks to France's rich sedimentary regions, we are able to offer a wide-ranging selection of stones, boasting nearly 60 different varieties with diverse colors and characteristics.

In the Jurassic period, marked by the presence of dinosaurs and abundant marine life, the climate was predominantly hot and humid, nurturing lush vegetation. Transitioning to the Cretaceous period, the climate became even hotter, leading to the emergence of new plant and animal species, along with the formation of remarkable limestone structures. This extraordinary period marked the end of the Mesozoic Era, resulting in the extinction of dinosaurs, ammonites, and numerous other life forms. Our oldest deposits, dating back to the early and middle Jurassic period (approximately 145 to 180 million years ago), are the primary sources of our renowned stones from Burgundy, the Eastern quarries, and the Poitou-Charente region. Our more recent quarries from the Cretaceous period are situated in the Languedoc-Roussillon and Nouvelle Aquitaine regions.

Advancing into the Paleogene period, the climate continued to warm. This period witnessed the formation of the Tethys Sea (now the Mediterranean Sea) and the uplift of the Alps and Pyrenees mountain ranges in Europe. New species emerged, and mammals expanded their presence. Our most recent deposits, which are approximately 45 million years old, supplied the stones used to construct the region of Paris designed by the Haussmanian architects (Saint-Maximin, Saint-Leu, Sébastopol, and Saint-Vaast).

FRENCH LIMESTONE COLLECTION

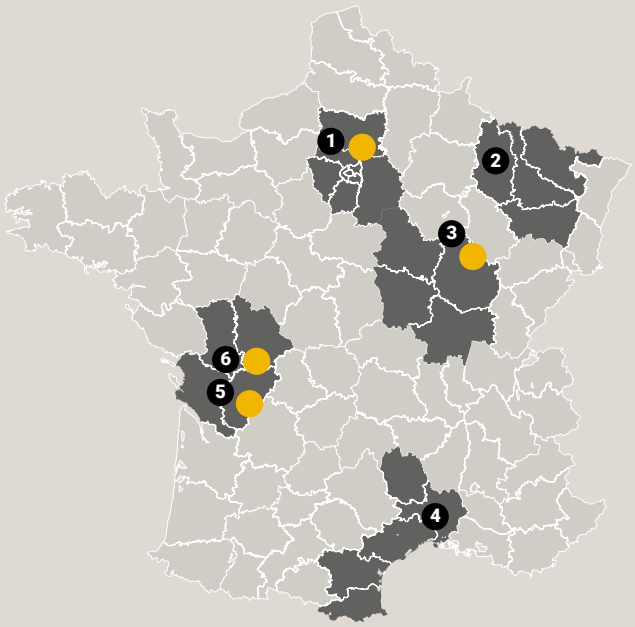
This french limestone collection serves as a visual aid to create a particular tone and aesthetic style, making the initial selection process easier. In this document, the photos provide a general representation of the material's color.

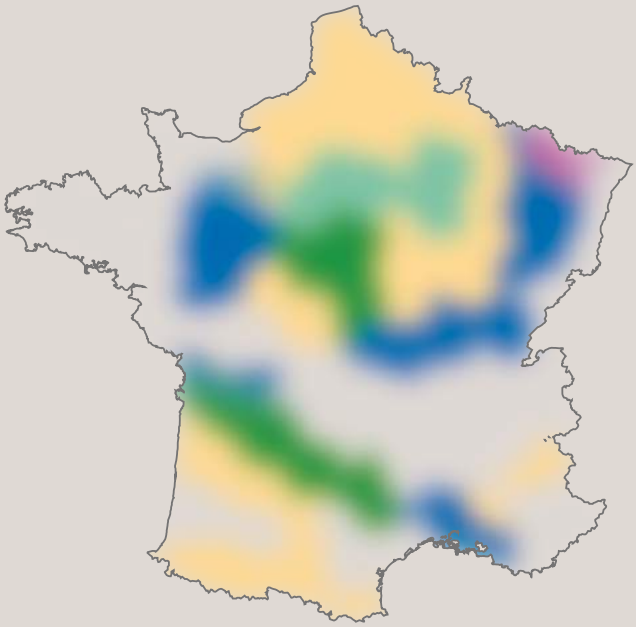
Keep in mind that natural stone exhibits variations in color, grain, and texture, so it's perfectly normal to observe differences between the images in this document and the actual appearance of the stones.

The technical characteristics and usage recommendations provided herein are advisory and should be validated for specific projects. This validation becomes crucial for larger endeavors like outdoor flooring, basement applications, wall cladding, cornices, etc.

In France, the "recommended use" for a specific type of stone is determined based on product specifications, which include information about its origin and strength, conforming to the NF B 10-601 standard.

We have a diverse range of extraction sites featuring a wide array of colors and textures. Polycor is committed to having a positive impact on the local economy and promoting environmentally friendly practices within the industry.





25 QUARRIES

1. Stones from the Paris Basin
2. Stones from Lorraine
3. Stones from Burgundy
4. Stones from Languedoc-Roussillon
5. Stones from Aquitaine
6. Stones from Poitou-Charentes

SEDIMENTARY ROCKS

- Triassic
- Jurassic
- Cretaceous
- Paleogene
- Neogene

4 PRODUCTION SITES

- Production plant

Polycor contributes to both national and regional economic development through its quarries and production facilities situated across the country. Each of our 25 quarries undergoes redevelopment planning during and after extraction operations to ensure sustainability.

Furthermore, our commitments are supported by a financial guarantee system overseen by the "Regional Department for the Environment, Development and Housing" (D.R.E.A.L.).

Our industrial operations are organized around four processing plants, each equipped to meet distinct and ambitious requirements. All Polycor stones are extracted and supplied in compliance with prevailing building standards in France.

Ravières Plant

Eco-Construction

Stone is a remarkable natural material, abundant and diverse, forming a key part of the Earth's crust, which makes it an essentially limitless natural resource.

Natural stone plays a crucial role in fostering sustainability within the construction industry, aligning seamlessly with High Environmental Quality (H.E.Q.) standards and RE2020 environmental legislation. As a building material, stone is 100% natural and boasts an A+ classification, ensuring a living environment free from harmful volatile emissions. It doesn't emit harmful chemicals during its manufacturing process or its use, and because it doesn't require high-temperature firing, natural stone stands as one of the most energy-efficient materials available. It presents a low-energy alternative to other processed materials when used in extensive construction projects.

In France, our quarries significantly contribute to rural employment and minimize transportation needs by being close to our transformation plants. Additionally, the geographical proximity of French stone sources makes them a more eco-friendly choice compared to imported alternatives.

History has proven stone to be a material that is durable and inert while also being easy to reuse and repurpose.

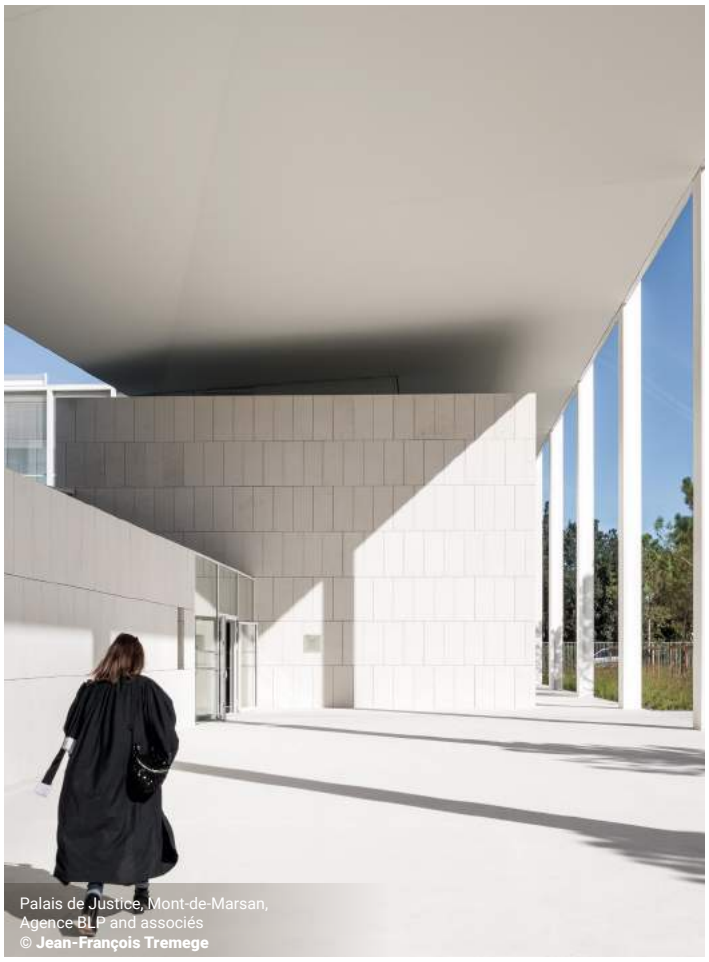
A Clean Industry

We exclusively employ electrical equipment for all cutting operations in quarries or plants. Unlike many other mineral building materials, natural stone production doesn't require any firing, resulting in minimal energy consumption and low CO_2 emissions.

Furthermore, there's no need for chemical additives during the transformation and for long-term preservation, which sets stone apart from numerous bio-sourced materials. Any quarry materials deemed unsuitable for use in dimensional stone applications find purpose as aggregates, soil improvers, or restoration of extraction sites.

All these factors make stone the quintessential choice for sustainable construction.

ANSTRUDE CLAIR
LIMESTONE


Palais de Justice, Mont-de-Marsan,
Agence BLP and associés
© **Jean-François Tremege**

Oolitic limestone, Middle Jurassic, Bathonian stage

Off-white background, slightly stippled, fine grain

Bierry-les-Belles-Fontaines (89)

REFERENCES

Saint-Exupéry, Courbevoie / Wilson Rivay, Levallois-Perret / Tour d'Asnières / Groupe Scolaire Julie Victoire Daubié, Lyon / Epsilon, Villeurbanne / Casden, Champs-Sur-Marne / Samaritaine, Paris / Les Terrasses**** , Versailles / British Museum, Londres (GB) / Petroleum, Beijing (CN)

RECOMMENDED USES

Finishes available	Honed, Roughly Honed, Split, Bush Hammered, Chiselled, Tooled
Wall cladding	Glued, Standard fixing, Outdoor Cladding
Solid wall	Outdoor Cladding

CHARACTERISTICS

Apparent density	NF EN 1936	2,100 to 2,200 kg/m^3
Porosity	NF EN 1936	19 to 22 %
Resistance to fixing (3cm) type 1	NF EN 13364	800 to 1,000 N
Compressive strength	NF EN 772-1	30 to 50 MPa
Flexural strength	NF EN 12372	5 to 8 MPa
Abrasion resistance resistance	NF EN 14157	38 to 42 mm
Capillarity C1	NF EN 772-11	120 to 140 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	120 to 140 g.m-2.s-1/2

BALZAC
MARBLE STONE


The Peninsula, Paris


CLASSIC


FLEURI

Microcrystalline limestone, Cretaceous, Turonian stage

Beige-white background with shells details

Beige-white background from white to yellow including many shells details

Sainte-Croix-de-Mareuil (24)

REFERENCES

Restaurant Guy Savoy, Paris / Édouard VII****, Paris / La Villa*****, Calvi / CB16, La Défense / Le Péninsula, Paris / Restaurant Guy Savoy, Paris / Hôtel Sofitel, Montréal (CA) / 150 Leadenhall Street, Hayes Park Courtyard, British Museum, Londres (GB)

RECOMMENDED USES	
Finishes available	Honed, Roughly Honed, Split, Bush Hammered, Chiselled, Tooled, Polished, Brushed
Flooring	Outdoor and Indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor copings
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS			
Apparent density	NF EN 1936	2,400 to 2,600 kg/m³	
Porosity	NF EN 1936	3 to 8 %	
Resistance to fixing (3cm) type 1	NF EN 13364	1,500 to 2,000 N	
Compressive strength	NF EN 772-1	80 to 120 MPa	
Flexural strength	NF EN 12372	10 to 15 MPa	
Abrasion resistance resistance	NF EN 14157	21 to 22 m	21 to 25 mm
Slip resistance – dry environment	NF EN 14231	50 to 60 bevel	
Slip resistance – wet environment	NF EN 14231	35 to 45 bevel	

BLEU DE LIGNIÈRES

LIMESTONE

Résidence tourisme and EHPAD, St Ouen
Atelier M.-O. Foucras Architecte

BLUE
cross-cut.

BLUE AND YELLOW

Fine limestone with organisms, Middle Jurassic, Bathonian stage

Blue-grey background, close grain, fine veining

Blue-grey and yellow background, close grain, fine veining

Bierry-les-Belles-Fontaines (89)

REFERENCES

Résidence Touristique and EPADH, Saint-Ouen / Tunnel de Fourvière, Lyon / Lycée Pasteur, CCI, Banque Fédérale, Palais de Justice, Besançon / Résidence Les jardins de Clément V, Enjoy 8, Lyon / Azure Résidence, Dallas (US) / Théatre of Milton Keynes, Mere Restaurant, Londres (GB)

RECOMMENDED USES

Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Tooled, Brushed
Flooring	Indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills

CHARACTERISTICS

Apparent density	NF EN 1936	2,300 to 2,500 kg/m^3
Porosity	NF EN 1936	5 to 8 %
Resistance to fixing (3cm) type 1	NF EN 13364	1000 to 1400 N
Compressive strength	NF EN 772-1	80 to 110 MPa
Flexural strength	NF EN 12372	10 to 12 MPa
Abrasion resistance resistance	NF EN 14157	24 to 26 mm
Capillarity C1	NF EN 772-11	5 to 8 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	4 to 7 g.m-2.s-1/2

BUXY BAYADÈRE

LIMESTONE

Immeuble, Paris

Crinoidal biocalcarenite, Middle Jurassic, Aalenian stage

Grey-blue background with red and yellow foliage pattern, pate compact with thight, fine grain

Buxy (71)

REFERENCES

Gare, Dijon / Palais de Justice, Chalon-sur-Saône / Cabinet Gide, Paris / Mémorial Charles de Gaulle, Colombey-les-Deux-églises / Propriétées Privées, Londres (GB) / Hôtel Kawakyu, Wakayama (JP) / Bunka Mura, Tokyo (JP)

RECOMMENDED USES	
Finishes available	Rough Honed, Split, Bush hammered, Flamed, Brushed
Flooring	Indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS		
Apparent density	NF EN 1936	2,500 to 2,700 kg/m³
Porosity	NF EN 1936	1 to 4 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,600 to 2,200 N
Compressive strength	NF EN 772-1	90 to 130 MPa
Flexural strength	NF EN 12372	11 to 15 MPa
Abrasion resistance resistance	NF EN 14157	21 to 25 mm
Capillarity C1	NF EN 772-11	3 to 5 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	2 to 4 g.m-2.s-1/2
Slip resistance – dry environment	NF EN 14231	70 to 95 Flamed
Slip resistance – wet environment	NF EN 14231	50 to 75 Flamed

BUXY GRIS JAUNE CENDRÉ

LIMESTONE

Musée d'Orsay, Paris

Crinoidal biocalcarenite, Middle Jurassic, Aalenian stage

Pate compact with thight, fine grain, grey-yellow ash color back-ground

Buxy (71)

REFERENCES

SCI Porte Océane, La Rochelle / Résidence Port-Royal, Nantes / Apple Store and bureaux, Champs-Elysée, Paris / Musée d'Orsay, Paris / Shiel's Résidence, Summerhill-Oxhott (GB) / Dong Bu, Seoul (SK)

RECOMMENDED USES	
Finishes available	Honed, Rough Honed, Split, Bush hammered, Flamed, Brushed
Flooring	Outdoor and Indoor public heavy traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS		
Apparent density	NF EN 1936	2,500 to 2,700 kg/m³
Porosity	NF EN 1936	1 to 4 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,600 to 2,200 N
Compressive strength	NF EN 772-1	90 to 130 MPa
Flexural strength	NF EN 12372	11 to 15 MPa
Abrasion resistance resistance	NF EN 14157	21 to 25 mm
Capillarity C1	NF EN 772-11	3 to 5 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	2 to 4 g.m-2.s-1/2
Slip resistance – dry environment	NF EN 14231	60 to 70 Flamed
Slip resistance – wet environment	NF EN 14231	50 to 55 Flamed

CHARMOT
LIMESTONE


La maison Bois d'Artas Grenoble,
Studio Gardoni architecture

Oolitic limestone, Middle Jurassic, Bathonian stage

Beige-white background to medium grain with shell details

Massangis (89)

REFERENCES

Médiathèque André Chamson, Aigues-Mortes / Sofitel Bercy, Paris / Groupe Scolaire Joseph Brenier, Saint-Priest / Acne Studios, Chengdu (CN) / Hôtel Tefang Portman, Xiamen (CN) / Hôtel Particulier, Beverly Hills (US)

RECOMMENDED USES	
Finishes available	Honed, Rough Honed, Split, Bush Hammered, Tooled, Brushed
Flooring	Indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding

CHARACTERISTICS		
Apparent density	NF EN 1936	2,200 to 2,400 kg/m^3
Porosity	NF EN 1936	11 to 14 %
Resistance to fixing (3cm) type 1	NF EN 13364	700 to 1100 N
Compressive strength	NF EN 772-1	30 to 50 MPa
Flexural strength	NF EN 12372	7 to 9 MPa
Abrasion resistance resistance	NF EN 14157	27 to 32 mm

CHASSAGNE

MARBLE STONE

Musée du Louvre, Paris
Architecte I. M. Pei

BEAUHARNAIS

BEIGE ROSÉ

Oolitic limestone, Middle Jurassic, Bathonian stage

Beige background with salmon coloured areas, crystalline veins and some fossils

Light beige to pink background, fine grain

Chassagne-Montrachet (21)

REFERENCES

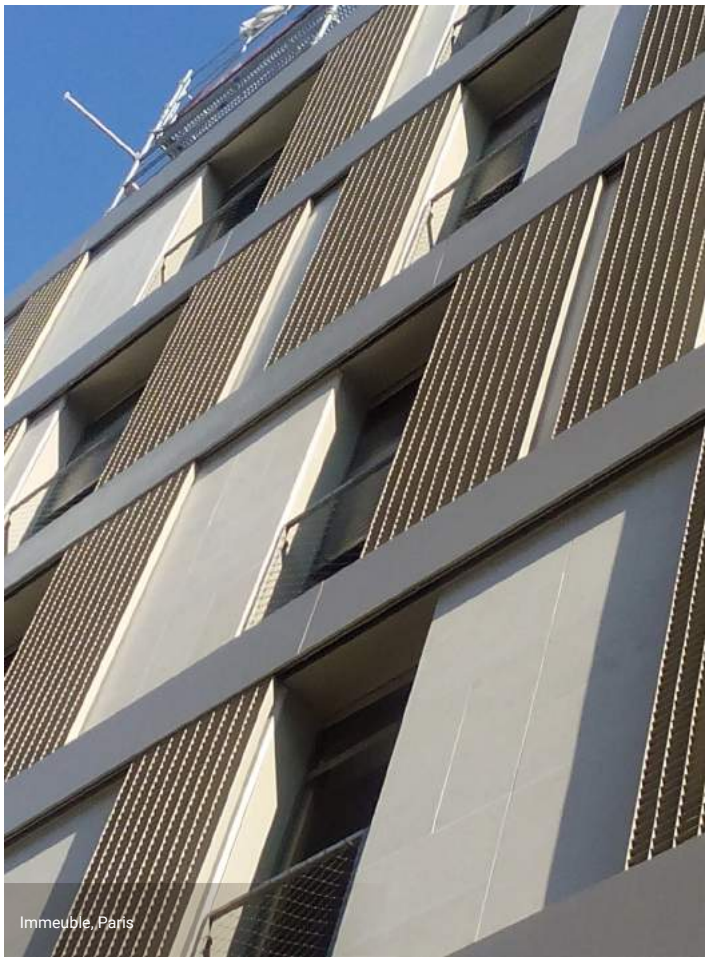
Palais des Congrès, Auditorium, Amphithéâtre Gutenberg, Dijon / SMABTP siège, Paris / Grand Louvre, Paris / Metropolitan Museum of Art, New-York (US) / Center for Life Science - Blackfan, Boston (US) / White and Case, Washington (US) / New City, Mokotów (PL) / La Vie Moderne, Shizuoka (JP)

RECOMMENDED USES

Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Polished, Brushed
Flooring	Indoor public heavy traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS		
Apparent density	NF EN 1936	2,400 to 2,600 kg/m^3
Porosity	NF EN 1936	4 to 6 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,300 to 1,600 N
Compressive strength	NF EN 772-1	160 to 180 MPa
Flexural strength	NF EN 12372	12 to 15 MPa
Abrasion resistance resistance	NF EN 14157	18 to 22 mm
Capillarity C1	NF EN 772-11	4 to 6 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	3 to 5 g.m-2.s-1/2

CHASSENET
LIMESTONE


Immeuble, Paris

Oolitic limestone, Middle Jurassic, Bathonian stage

Off-white background yellow light grain, fine grain

Bierry-les-Belles-Fontaines (89)

RECOMMENDED USES	
Finishes available	Honed, Rough Honed, Hammered, Chiselled, Tooled
Flooring	Indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills

CHARACTERISTICS		
Apparent density	NF EN 1936	2,100 to 2,200 kg/m^3
Porosity	NF EN 1936	20 to 25 %
Resistance to fixing (3cm) type 1	NF EN 13364	800 to 1000 N
Compressive strength	NF EN 12372	4 to 6 MPa
Abrasion resistance resistance	NF EN 14157	32 to 36 mm

CHAUVIGNY CLASSIQUE

LIMESTONE

Yebisu Garden Place, Tokyo
Cossin, Sanville and Kume Sekkei architectes

Oolitic limestone, Middle Jurassic, Bathonian stage

Creamy background, fine grain

Chauvigny (86)

REFERENCES

Hôtel Poitou-Charentes and École de commerce, Poitiers / Siège Social Bouygues, Paris / Yebisu Garden Place: restaurant Joël Robuchon, Tokyo (JP) / Imprimerie du Coran, Medine (SA) / Palmers Green, London (GB)

RECOMMENDED USES	
Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Brushed
Flooring	Indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills

CHARACTERISTICS		
Apparent density	NF EN 1936	2,200 to 2,300 kg/m^3
Porosity	NF EN 1936	15 to 20 %
Resistance to fixing (3cm) type 1	NF EN 13364	800 to 1,200 N
Compressive strength	NF EN 772-1	30 to 50 MPa
Flexural strength	NF EN 12372	3 to 5 MPa
Abrasion resistance resistance	NF EN 14157	26 to 32 mm

EUVILLE
LIMESTONE


Royal champagne, Champillon
© **Fred Laures**

Crinoidal biocalcarenite, Upper Jurassic, Oxfordian stage

Deep beige colour, angular and sparkling medium grain

Euville (55)

REFERENCES

Opéra Garnier, Paris / Château, Commercy / Mémorial Charles de Gaulle, Colombey-les-deux-églises / Gymnase Richard Mique, Versailles / La Réserve, Paris / Royal Champagne, Champillon / Écothèque, Bures / Zac Beaujon, Paris / Chera Résidence, New York (US) / Restaurant Flo, Tokyo (JP)

RECOMMENDED USES	
Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Brushed
Flooring	Outdoor and indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS		
Apparent density	NF EN 1936	2,100 to 2,300 kg/m^3
Porosity	NF EN 1936	13 to 17 %
Resistance to fixing (3cm) type 1	NF EN 13364	800 to 1000 N
Compressive strength	NF EN 772-1	30 to 50 MPa
Flexural strength	NF EN 12372	3 to 6 MPa
Abrasion resistance	NF EN 14157	32 to 36 mm
Capillarity C1	NF EN 772-11	60 to 100 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	70 to 100 g.m-2.s-1/2
Slip resistance – dry environment	NF EN 14231	60 to 70 Brushed
Slip resistance – wet environment	NF EN 14231	50 to 60 Brushed

FONTBELLE
LIMESTONE


École maternelle Troglodyte, Agonac
© **Julia Hasse**

Chalky limestone, Upper Cretaceous, Turonian stage

White background with very fine grain containing rudist shells forming many medium to large holes

La Rochebeaucourt-et-Argentine (24)

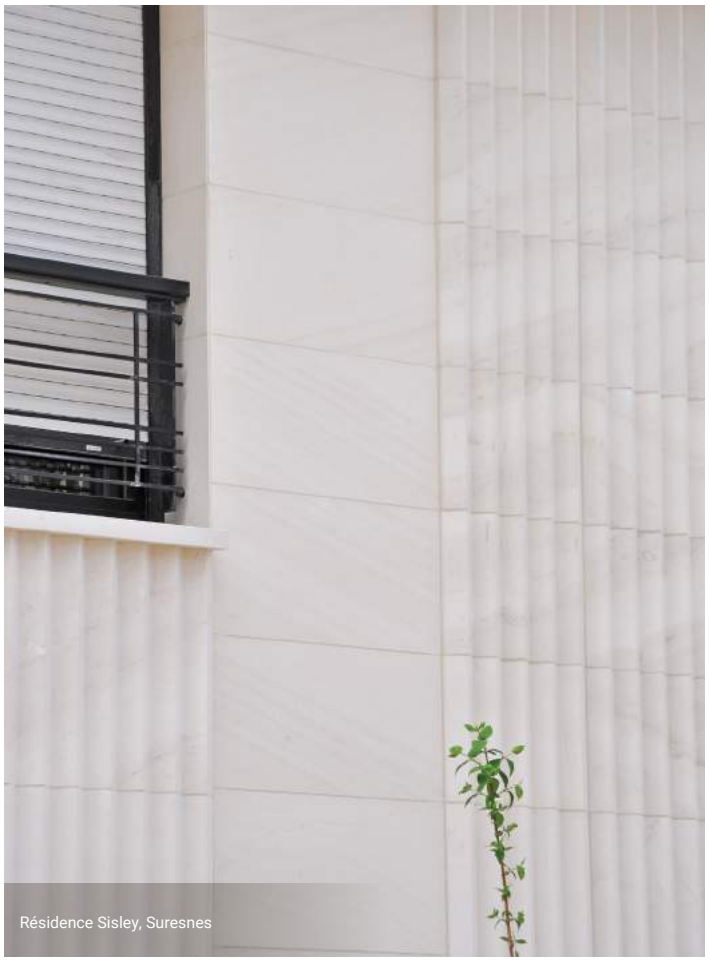
REFERENCES

Faculté de Droit de Breuty, La Couronne / Résidence Le Balzac, Trésorerie Générale, Atelier du Trait Magelis, Angoulême / Paternoster Square Londres (GB)

RECOMMENDED USES	
Finishes available	Rough Honed, Split
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding, Outdoor spouts

CHARACTERISTICS		
Apparent density	NF EN 1936	1,800 to 1,900 kg/m^3
Porosity	NF EN 1936	25 to 35 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,000 to 1,300 N
Compressive strength	NF EN 772-1	7 to 10 MPa
Flexural strength	NF EN 12372	1 to 3 MPa
Capillarity C1	NF EN 772-11	200 to 300 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	300 to 500 g.m-2.s-1/2

LENS
LIMESTONE



Résidence Sisley, Suresnes

Oolitic limestone, Lower Cretaceous, Barremian stage

Creamy white background, fine grain and fine crystalline slivers

Moulézan (30)

REFERENCES

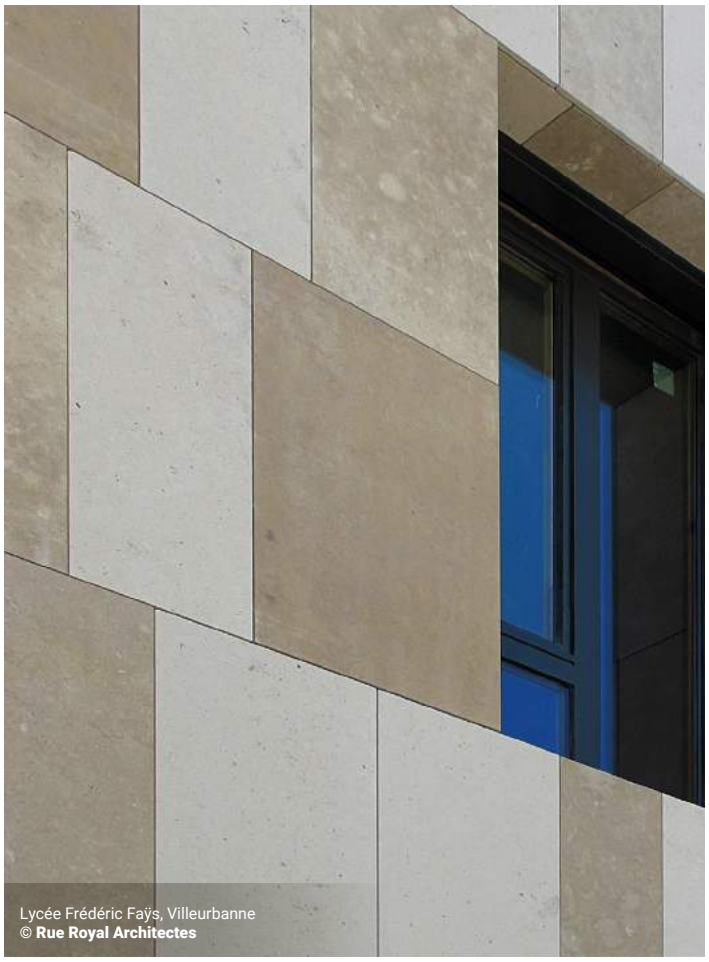
Maison Carrée, Nimes / Gare Saint-Charles, Marseille / Centre Culturel Saint Louis, Cholet / Château Thuerry, Villecroze / Ehundura, Nantes / Résidence Sisley, Suresnes / Logements Panorama Bazin, Clamart / Résidence Ezon, New York (US) / HSBC New York (US) / 30 Gresham Street, Londres (GB)

RECOMMENDED USES	
Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Brushed
Flooring	Outdoor and indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS		
Apparent density	NF EN 1936	2,200 to 2,300 kg/m³
Porosity	NF EN 1936	14 to 17 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,600 to 1,900 N
Compressive strength	NF EN 772-1	35 to 50 MPa
Flexural strength	NF EN 12372	6 to 9 MPa
Abrasion resistance	NF EN 14157	28 to 32 mm
Capillarity C1	NF EN 772-11	50 to 70 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	50 to 75 g.m-2.s-1/2
Slip resistance – dry environment	NF EN 14231	50 to 55 Sawn
Slip resistance – wet environment	NF EN 14231	40 to 45 Sawn

MASSANGIS BEIGE CLAIR

LIMESTONE



Lycée Frédéric Faÿs, Villeurbanne
© **Rue Royal Architectes**

Crinoidal oolitic limestone, Middle Jurassic, Bathonian stage

Stippled yellow to light beige, medium and fine grain

Massangis (89)

REFERENCES

Musée de la préhistoire, Grand Pressigny / Hôtel Collège des Doctrinaires ****, Lectoure / Église, Fouras / Centre X'EAU, Châteaubernard / Moët and Chandon, Gyé-sur-Seine / CAEL, Bourg-la-Reine / Lycée Frédéric Faÿs, Villerubanne / Tusmore Park, Oxford (GB) / Siège social AXA, Brussels (BE)

RECOMMENDED USES

Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Tolled, Brushed
Flooring	Outdoor and indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS

Apparent density	NF EN 1936	2,200 to 2,400 kg/m^3
Porosity	NF EN 1936	8 to 15 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,200 to 1,600 N
Compressive strength	NF EN 772-1	50 to 70 MPa
Flexural strength	NF EN 12372	8 to 11 MPa
Abrasion resistance	NF EN 14157	21 to 26 mm
Capillarity C1	NF EN 772-11	25 to 35 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	25 to 35 g.m-2.s-1/2
Slip resistance – dry environment	NF EN 14231	80 to 100 Brushed
Slip resistance – wet environment	NF EN 14231	40 to 60 Brushed

MASSANGIS CLAIR NUANCÉ

LIMESTONE

X'Eau, Châteaubernard
© J. Hasse

Crinoidal oolitic limestone, Middle Jurassic, Bathonian stage

Creamy to pale beige background, medium fine grain

Massangis (89)

REFERENCES

Étoile Marine, La Rochelle / Centre Spirituel et Culturel Orthodoxe Russe, Paris / La Réserve, Paris / Château de Maulnes, Cruzy-le-Châtel / Médiathèque André Chamson, Aigues-Mortes / Tottenham Court Road, London (GB) / The Gores Group headquarters Siège Social, Beverly Hills (US)

RECOMMENDED USES

Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Tolled, Brushed
Flooring	Indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS

Apparent density	NF EN 1936	2,200 to 2,400 kg/m^3
Porosity	NF EN 1936	8 to 15 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,200 to 1,600 N
Compressive strength	NF EN 772-1	50 to 70 MPa
Flexural strength	NF EN 12372	8 to 11 MPa
Abrasion resistance	NF EN 14157	25 to 32 mm
Capillarity C1	NF EN 772-11	40 to 60 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	40 to 60 g.m-2.s-1/2

MASSANGIS JAUNE

LIMESTONE

Site Michelin, Paris
© C. Valtin

Crinoidal oolitic limestone, Middle Jurassic, Bathonian stage

Yellowish brown tone, medium grain, presence of crystallised fossil elements

Massangis (89)

REFERENCES

Trocadéro, Paris / Pont d'Iéna et du Carroussel, Paris / Institut du Goût, Dijon / Pieds de la Tour Eiffel, Paris / Bureaux site Michelin, Paris / Advivo, Vienne (AT) / Tusmore Castle, London (GB) / 900 North Michigan, Chicago (US)

RECOMMENDED USES

Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Tolled, Brushed
Flooring	Outdoor and Indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS

Apparent density	NF EN 1936	2,200 to 2,400 kg/m^3
Porosity	NF EN 1936	8 to 15 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,200 to 1,600 N
Compressive strength	NF EN 772-1	50 to 70 MPa
Flexural strength	NF EN 12372	8 to 11 MPa
Abrasion resistance	NF EN 14157	21 to 26 mm
Capillarity C1	NF EN 772-11	25 to 35 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	25 to 35 g.m-2.s-1/2
Slip resistance – dry environment	NF EN 14231	80 to 100 Brushed
Slip resistance – wet environment	NF EN 14231	40 to 60 Brushed

MASSANGIS JAUNE CLAIR

LIMESTONE

Site Michelin, Paris
© M. Simon Lafleur

Crinoidal oolitic limestone, Middle Jurassic, Bathonian stage

Pale yellow background, slightly ochre, fine to medium grain

Massangis (89)

REFERENCES

Pôle de Gestion et d'Économie, Amphithéâtre, Dijon / Palace Le Péninsula, Paris / Hôtel des Invalides, Paris / Fontaines, Puteaux / Cathédrale Notre-Dame-du-Bourguet, Forcalquier / Herz Kirche, Munich (DE) / Villa Oma, Berkshire (GB) / Casterman, Braschaat (BE)

RECOMMENDED USES

Finishes available	Honed, Rough Honed, Splite Bush Hammered, Chiselled, Tolled, Brushed
Flooring	Outdoor and Indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS

Apparent density	NF EN 1936	2,200 to 2,400 kg/m³
Porosity	NF EN 1936	8 to 15 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,200 to 1,600 N
Compressive strength	NF EN 772-1	50 to 70 MPa
Flexural strength	NF EN 12372	8 to 11 MPa
Abrasion resistance	NF EN 14157	21 to 26 mm
Capillarity C1	NF EN 772-11	25 to 35 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	25 to 35 g.m-2.s-1/2
Slip resistance – dry environment	NF EN 14231	80 to 100 Brushed
Slip resistance – wet environment	NF EN 14231	40 to 60 Brushed

POUILLENAY
LIMESTONE


Mobilier, Paris
© F. Blaise and Agence ALT


GREY-BEIGE


PINKISH

Crinoidal biocalcarenite, Middle Jurassic, Bajocian stage

Shimmering crinoids on grey-beige background, coarse grain

Shimmering crinoids on pinkish grey beige background, coarse grain

Pouillenay (21)

REFERENCES

Chrystal Park, Neuilly-sur-Seine / Banc Faire, Paris / British Museum, Londre (UK) / Mur de Réformation, Genève (CH) / The City and County Museum, Lincoln (UK) / National Gallery Playfair, Edimbourg (GB)

RECOMMENDED USES	
Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Tolled, Brushed
Flooring	Outdoor and Indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS		
Apparent density	NF EN 1936	2,400 to 2,600 kg/m³
Porosity	NF EN 1936	4 to 6 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,500 to 1,800 N
Compressive strength	NF EN 772-1	40 to 60 MPa
Flexural strength	NF EN 12372	6 to 9 MPa
Abrasion resistance	NF EN 14157	27 to 32 mm
Capillarity C1	NF EN 772-11	30 to 70 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	30 to 70 g.m-2.s-1/2
Slip resistance – dry environment	NF EN 14231	55 to 65 Shot blasted
Slip resistance – wet environment	NF EN 14231	50 to 55 Shot blasted

RICHEMONT
LIMESTONE


Bibliothèque, Beaufort-en-Vallée, Atelier du Lieu


WHITE


YELLOW

Oolitic limestone, Upper Cretaceous, Turonian stage

White pale yellow background, fine grain

Background more or less yellow branched with fine and medium grain

Pons (17)

REFERENCES

École Vésone, Périgueux / Hôtel La Pérouse, Nantes / Lycée Joachim du Bellay, Angers / La Corderie Royale, Rochefort / Hôtel Le Saint Antoine ****, Rennes / Rempart du Midi, AngouLême / Lycée Duplessis-Mornay, Saumur / Villa Kilnwood, London (GB) / Ourse Valley Viaduct, West Sussex (GB)

RECOMMENDED USES

Finishes available	Honed, Roughly Honed, Split
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills

CHARACTERISTICS			
Apparent density	NF EN 1936	1,800 to 2,000 kg/m^3	
Porosity	NF EN 1936	20 to 30 %	
Resistance to fixing (3cm) type 1	NF EN 13364	500 to 900 N	
Compressive strength	NF EN 772-1	15 to 25 MPa	
Flexural strength	NF EN 12372	3 to 4 MPa	
Capillarity C1	NF EN 772-11	130 to 190 g.m-2.s-1/2	
Capillarity C2	NF EN 772-11	150 to 190 g.m-2.s-1/2	

ROCHERONS CLAIR

MARBLE STONE

Mobilier, Reims
© Villedereims

Mitrilic limestone, Middle Jurassic, Bathonian stage

Beige-pink background with very fine grain

Villers-la-Faye (21)

REFERENCES

BHV, Paris / Musée de l'Armée, des Invalides, Paris / Barneys New York, Chicago (US) / Villa, Kiev (UK)

RECOMMENDED USES	
Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Flamed, Tooled, Polished, Brushed
Flooring	Outdoor and indoor public heavy traffic, Roads
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS		
Apparent density	NF EN 1936	2,500 to 2,700 kg/m^3
Porosity	NF EN 1936	0,5 to 2 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,800 to 2,200 N
Compressive strength	NF EN 772-1	150 to 200 MPa
Flexural strength	NF EN 12372	12 to 17 MPa
Abrasion resistance resistance	NF EN 14157	18 to 21 mm
Capillarity C1	NF EN 772-11	0,5 to 1 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	0,5 to 1,5 g.m-2.s-1/2
Slip resistance – dry environment	NF EN 14231	70 to 80 Sawn
Slip resistance – wet environment	NF EN 14231	50 to 60 Sawn

ROCHERONS DORÉ

LIMESTONE

Fondation Louis Vuitton, Paris
Architecte F. Gehry

Suboolitic, gravelly limestone, fine grain, Middle Jurassic, Bathonian stage

Grey-beige to pink, background with fossils and calcite veins

Villers-la-Faye (21)

REFERENCES

CPAM de Haute-Savoie, Annecy / Les 4 Temps, La Défense / Royal Champagne, Champillon / OCDE, Paris / COVAMA, Château-Thierry / Fondation Louis Vuitton, Paris / Pacific Center Mall, Vancouver (CA) / Samsung headquarters, Seoul (KR) / Big Concert Hall, Stanford (US)

RECOMMENDED USES

Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Flamed, Tolled, Polished, Brushed
Flooring	Outdoor and Indoor public heavy traffic, Roads
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS

Apparent density	NF EN 1936	2,500 to 2,700 kg/m³
Porosity	NF EN 1936	0,5 to 2 %
Resistance to fixing (3cm) type 1	NF EN 13364	1800 to 2200 N
Compressive strength	NF EN 772-1	150 to 200 MPa
Flexural strength	NF EN 12372	12 to 17 MPa
Abrasion resistance	NF EN 14157	18 to 21 mm
Capillarity C1	NF EN 772-11	0,5 to 1 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	0,5 to 1,5 g.m-2.s-1/2
Slip resistance – dry environment	NF EN 14231	65 to 75 Shot blasted
Slip resistance – wet environment	NF EN 14231	65 to 75 Shot blasted

ROCHERONS DORÉ CLAIR

LIMESTONE

Goede-Doelen-Loterij, Amsterdam
J. Benthem and C. Zuidervaart architectes
© W. Leistra, Verwol, H. Douglas

Suboolitic, gravelly limestone, fine grain, Middle Jurassic, Bathonian stage

Beige to pale pink background with stylolites, fossils and calcite veins, fine pate

Villers-la-Faye (21)

REFERENCES

Fondation Louis Vuitton, Paris / Villa Maïa*****, Lyon / Hôtel Particulier Monceau, Paris / Goede Doelen Loteri, Amsterdam (NL) / Banque du Luxembourg (LU)

RECOMMENDED USES

Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Flamed, Tolled, Polished, Brushed
Flooring	Outdoor and Indoor public heavy traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS

Apparent density	NF EN 1936	2,500 to 2,700 kg/m³
Porosity	NF EN 1936	0,5 to 2 %
Resistance to fixing (3cm) type 1	NF EN 13364	1800 to 2200 N
Compressive strength	NF EN 772-1	150 to 200 MPa
Flexural strength	NF EN 12372	12 to 17 MPa
Abrasion resistance	NF EN 14157	18 to 21 mm
Capillarity C1	NF EN 772-11	0,6 to 2 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	0,6 to 2,5 g.m-2.s-1/2
Slip resistance – dry environment	NF EN 14231	70 to 80 Flamed
Slip resistance – wet environment	NF EN 14231	70 to 80 Flamed

ROCHERONS LÉGÈREMENT MOUCHETÉ

MARBLE STONE

Banque CERA, Leuven, Belgique
© **Simon Van Ranst**

Mitrilic limestone, Middle Jurassic, Bathonian stage

Beige-pink background scattered with shells, fossils with very fine grain

Villers-la-Faye (21) and Corgoloin (21)

REFERENCES

Immeuble Dassault, Paris / Médiathèque les 7 Lieux, Bayeux / Centre Commercial Sherway Gardens, Toronto (CA) / Centre Commercial Amercicana, New York (US) / Hôpital des Yeux, Riyad (AS) / Banque CERA, Coopérative Financière, Leuven (BE)

RECOMMENDED USES

Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Flamed, Tooled, Polished, Brushed
Flooring	Outdoor and indoor public heavy traffic, Roads
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS		
Apparent density	NF EN 1936	2,500 to 2,700 kg/m³
Porosity	NF EN 1936	0,5 to 2 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,800 to 2,200 N
Compressive strength	NF EN 772-1	150 to 200 MPa
Flexural strength	NF EN 12372	12 to 17 MPa
Abrasion resistance	NF EN 14157	18 to 21 mm
Capillarity C1	NF EN 772-11	0,5 to 1 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	0,5 to 1,5 g.m-2.s-1/2
Slip resistance – dry environment	NF EN 14231	70 to 80 Flamed
Slip resistance – wet environment	NF EN 14231	70 to 80 Flamed

SAINT-LEU
LIMESTONE


Chanel, Paris - architecte Viguier et associés
© Takuji Shimmura


SAINT-LEU


SAINT-LEU BANC ROYAL

Limestone with milioles and num mulites, Eocene, Lutetian stage

Coarse limestone (Paris Basin), lutetian

Light yellow background with fine grain

Beige to grey color limestone with a very fine to fine grain

Saint-Vaast-lès-Mello (60)

Saint-Maximin (60)

REFERENCES

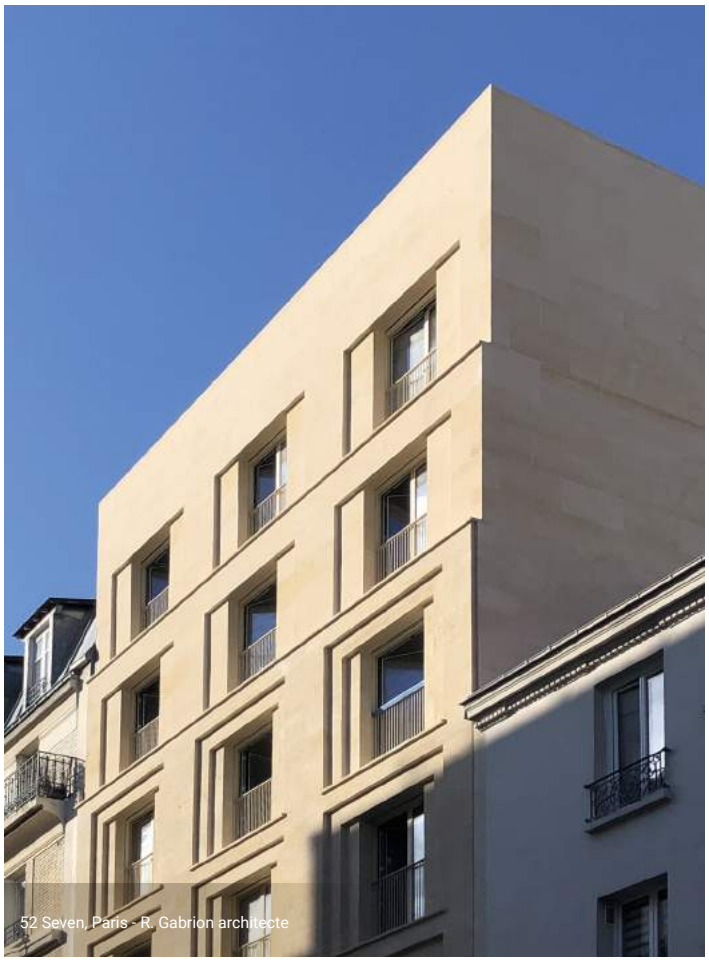
Chambre des Députés, Paris / HLM, Noisy-le-Grand / Villa Impériale, Compiègne / Villa des Arts, Saint-Mandé / Panorama Bazin, Clamart / Chanel, Paris / Hôtel de la Marine, Paris

RECOMMENDED USES	
Finishes available	Rough Honed, Split
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding

CHARACTERISTICS			
Apparent density	NF EN 1936	1,500 to 1,700 kg/m³	1,600 to 1,700 kg/m³
Porosity	NF EN 1936	35 to 45 %	
Resistance to fixing (3cm) type 1	NF EN 13364	500 to 700 N	–
Compressive strength	NF EN 772-1	5 to 7 MPa	
Flexural strength	NF EN 12372	1 to 3 MPa	
Capillarity C1	NF EN 772-11	300 to 400 g.m-2.s-1/2	250 to 400 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	300 to 400 g.m-2.s-1/2	250 to 400 g.m-2.s-1/2

SAINT-MAXIMIN

LIMESTONE



52 Seven, Paris - R. Gabrion architecte

CONSTRUCTION

FINE

Coarse limestone and cerithium limestone (Paris Basin), Lutetian

Shelled limestone, beige color and big grain

Slightly Shelled limestone beige color to fine grain

Saint-Maximin (60)

REFERENCES

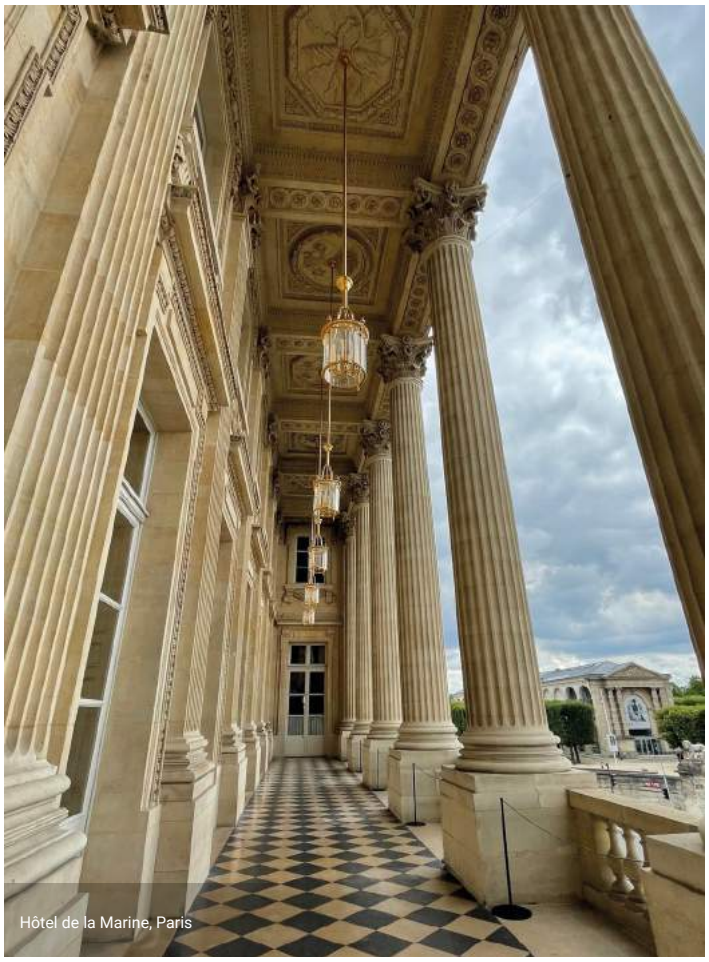
Château de Versailles / Les Invalides, La Madeleine, Le Grand Palais, Paris / Immeubles, Paris / Cathédrales de Senlis, Amiens, Reims / OCDE, Paris / 52 Seven, Paris

RECOMMENDED USES	
Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Flamed, Tolled
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding

CHARACTERISTICS			
Apparent density	NF EN 1936	1,600 to 1,900 kg/m^3	
Porosity	NF EN 1936	25 to 40 %	
Resistance to fixing (3cm) type 1	NF EN 13364	600 to 1000 N	–
Compressive strength	NF EN 772-1	5 to 15 MPa	–
Flexural strength	NF EN 12372	1 to 4 MPa	2 to 5 Mpa
Capillarity C1	NF EN 772-11	100 to 350 g.m-2.s-1/2	400 to 700 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	100 to 350 g.m-2.s-1/2	600 to 1000 g.m-2.s-1/2

SAINT-MAXIMIN

LIMESTONE



Hôtel de la Marine, Paris

VERBOIS DUR

VERBOIS FERME

Limestone with milioles and nummulites, Eocene, Lutetian stage

Grey color, fine grained with some shells

Beige Shelled limestone to open grain

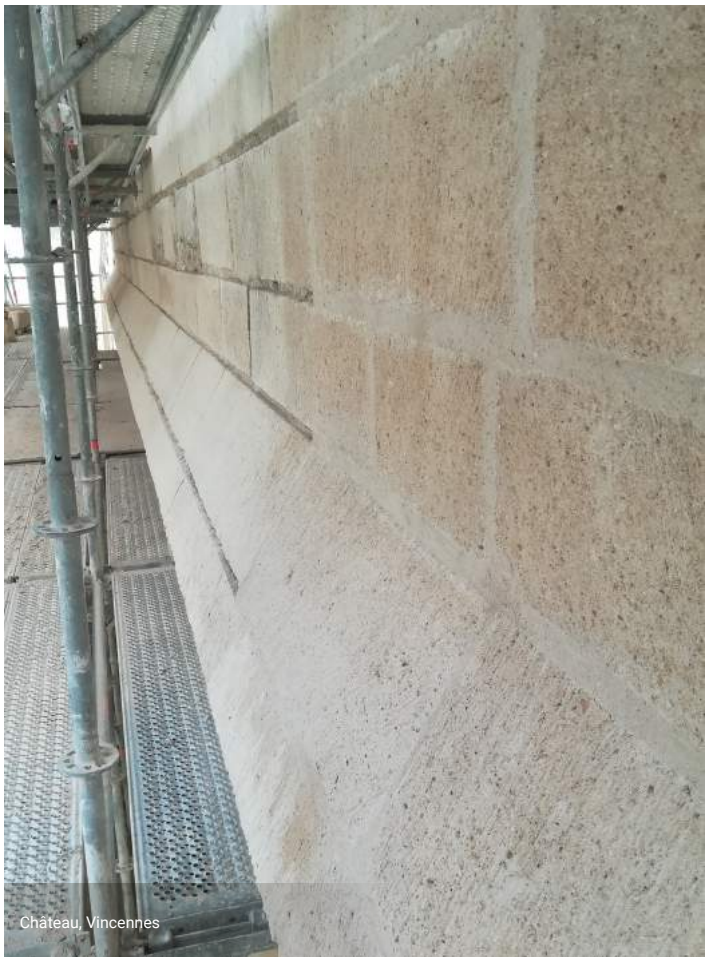
Saint-Maximin (60)

RECOMMENDED USES	
Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Flamed, Tolled
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding

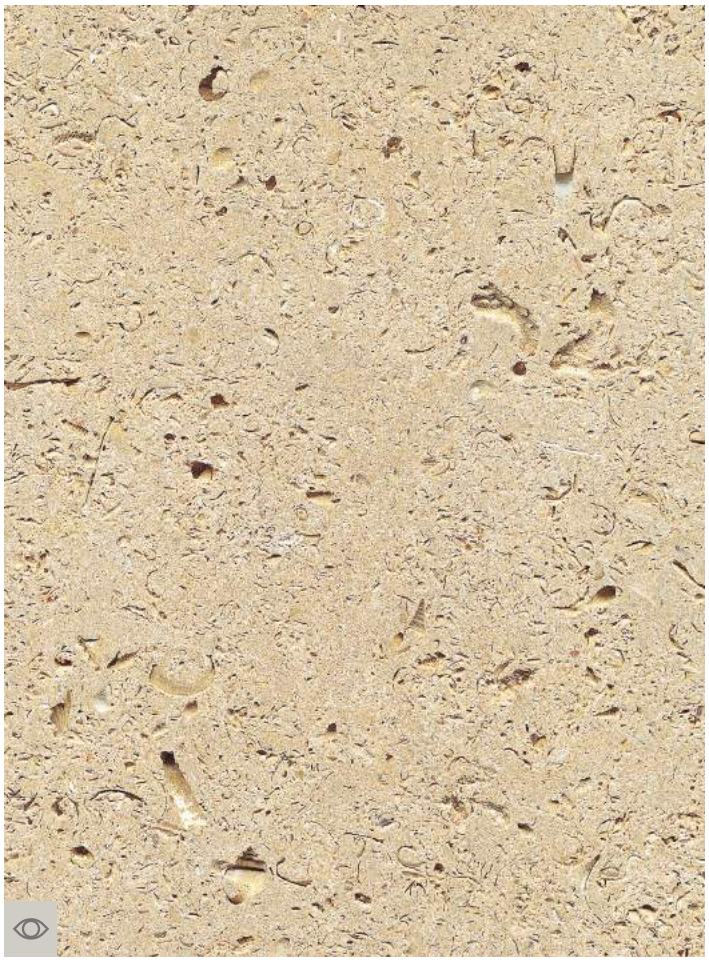
CHARACTERISTICS			
Apparent density	NF EN 1936	2,100 to 2,500 kg/m³	1,900 to 2,000 kg/m³
Porosity	NF EN 1936	8 to 20 %	20 to 30 %
Compressive strength	NF EN 772-1	60 to 100 Mpa	30 to 50 Mpa
Flexural strength	NF EN 12372	4 to 9 Mpa	3 to 5 Mpa
Capillarity C1	NF EN 772-11	15 to 20 g.m-2.s-1/2	60 to 80 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	15 to 20 g.m-2.s-1/2	70 to 85 g.m-2.s-1/2

SAINT-MAXIMIN FRANCHE CONSTRUCTION

LIMESTONE



Château, Vincennes



Limestone with milioles and nummulites, Eocene, Lutetian stage

Plain beige background, fine and medium grain, occasional medium and large shells

Saint-Maximin (60)

REFERENCES

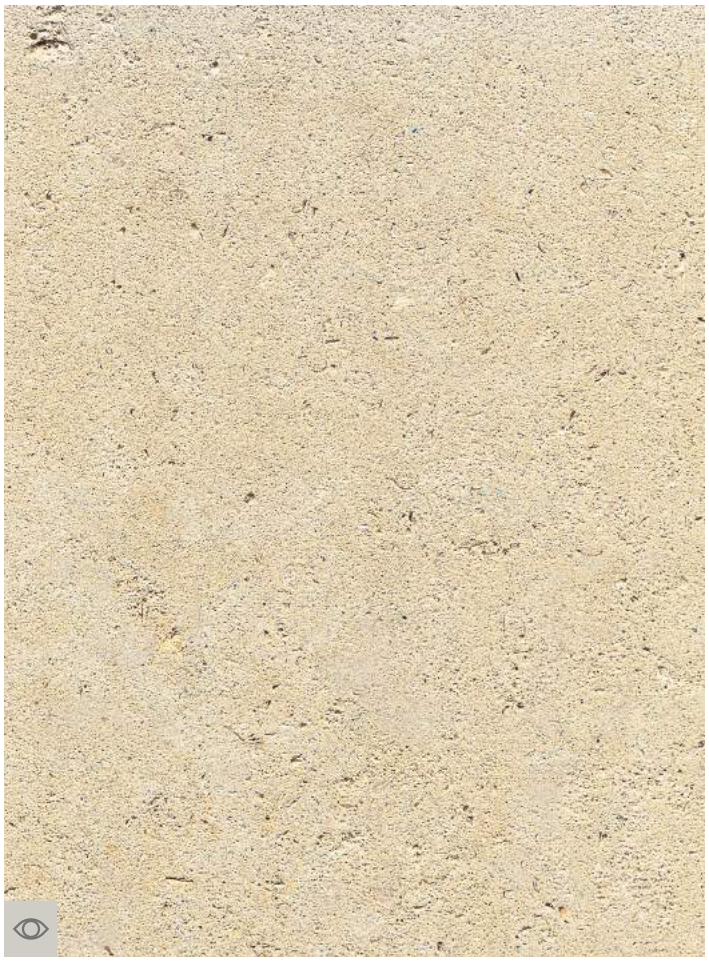
Université Assas III, Melun / Maison de la RATP, Paris / Belvédères, Deauville / Clocher de l'église Saint-Pierre-de-Montrouge, Paris / Château de Vincennes / Llayds Bank Head Office, Bristol (GB) / Lega and General HSQ, Kingswood (GB)

RECOMMENDED USES	
Finishes available	Honed, Rough Honed, Split
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor plinths, Outdoor cornices

CHARACTERISTICS		
Apparent density	NF EN 1936	1,900 to 2,100 kg/m^3
Porosity	NF EN 1936	25 to 35 %
Resistance to fixing (3cm) type 1	NF EN 13364	800 to 1400 N
Compressive strength	NF EN 772-1	10 to 20 MPa
Flexural strength	NF EN 12372	3 to 5 MPa
Capillarity C1	NF EN 772-11	100 to 200 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	100 to 200 g.m-2.s-1/2

SAINT-MAXIMIN FRANCHE FINE
LIMESTONE


Université, Stanford, USA



Limestone with milioles and nummulites, Eocene, Lutetian stage

Plain beige background, fine grain with a few small holes, and shells

Saint-Maximin (60)

REFERENCES

American Center, Paris / Château Louis XIV, Louvecienne / Musée de la pierre de l'Oise du sud, Saint-Maximin / Archives, Beauvais / Le Clos de la Barisseuse, Saint-Vaast-lès-Mello / Village Delage, Courbevoie / Université de Standford (US) / Trevor House, London (GB)

RECOMMENDED USES	
Finishes available	Rough Honed, Split
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor lower sections Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor cornices

CHARACTERISTICS		
Apparent density	NF EN 1936	1,700 to 2,000 kg/m^3
Porosity	NF EN 1936	25 to 35 %
Resistance to fixing (3cm) type 1	NF EN 13364	600 to 1200 N
Compressive strength	NF EN 772-1	9 to 12 MPa
Flexural strength	NF EN 12372	3 to 4 MPa
Capillarity C1	NF EN 772-11	200 to 400 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	200 to 400 g.m-2.s-1/2

SAINT-MAXIMIN LIAIS

LIMESTONE

Maison de la Pierre du Sud de l'Oise, Saint-Maximin

Limestone with nummulites, Eocene, Lutetian stage

Plain grey background, fine grain, with a few small holes, and shells

Saint-Maximin (60)

REFERENCES

Assemblée Nationale, Palais de l'Élysée, Paris / Cité Administrative, Orléans / Musée Rodin, Paris / Chanel, Paris / Clocher de l'église Saint-Pierre-de-Montrouge, Paris / La Poste du Louvre, Paris / Melk Residence, Miami (US)

RECOMMENDED USES	
Finishes available	Honed, Rough Honed, Split
Flooring	Outdoor and Indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills, Outdoor plinths, Outdoor cornices

CHARACTERISTICS		
Apparent density	NF EN 1936	2,100 to 2,300 kg/m^3
Porosity	NF EN 1936	15 to 25 %
Resistance to fixing (3cm) type 1	NF EN 13364	800 to 1200 N
Compressive strength	NF EN 772-1	30 to 60 MPa
Flexural strength	NF EN 12372	4 to 9 MPa
Abrasion resistance	NF EN 14157	21 to 24 mm
Capillarity C1	NF EN 772-11	10 to 16 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	10 to 20 g.m-2.s-1/2
Slip resistance – dry environment	NF EN 14231	70 to 80 Sawn
Slip resistance – wet environment	NF EN 14231	60 to 70 Sawn

SAINT-NICOLAS
LIMESTONE


Assurance Maladie Picardie, Boves


CLAIR


RUBANÉ

Oolitic limestone, Middle Jurrassic, Bathonien stage

White bakground, with irregular oolites, strewm with fossil debris, fine grain

White bakground with a deeper colored veining

Ravières (89)

REFERENCES

HLM, Auxerre / Champs de Mars, Rouen / SCI Espace Roosevelt, Lyon / Triangle de l'Arche, La Défense / Collège Jules Vernes, Rivery / World Trade Center, Grenoble / Grey Brook House, London (GB)

RECOMMENDED USES

Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Tolled
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding

CHARACTERISTICS			
Apparent density	NF EN 1936	2,000 to 2,200 kg/m^3	
Porosity	NF EN 1936	15 to 25 %	
Resistance to fixing (3cm) type 1	NF EN 13364	1300 to 2000 N	
Compressive strength	NF EN 772-1	20 to 30 Mpa	
Flexural strength	NF EN 12372	5 to 7 MPa	
Capillarity C1	NF EN 772-11	140 to 160 g.m-2.s-1/2	
Capillarity C2	NF EN 772-11	150 to 170 g.m-2.s-1/2	160 to 170 g.m-2.s-1/2

SAINT-VAAST
LIMESTONE


Cathédrale Saint-Alexandre-Nevsky, Paris


CONSTRUCTION


FINE

Limestone with milioles and nummulites, Eocene, Lutetian stage

White-yellow background with open grain

White-yellow background with fine grain

Saint-Vaast-lès-Mello (60)

REFERENCES

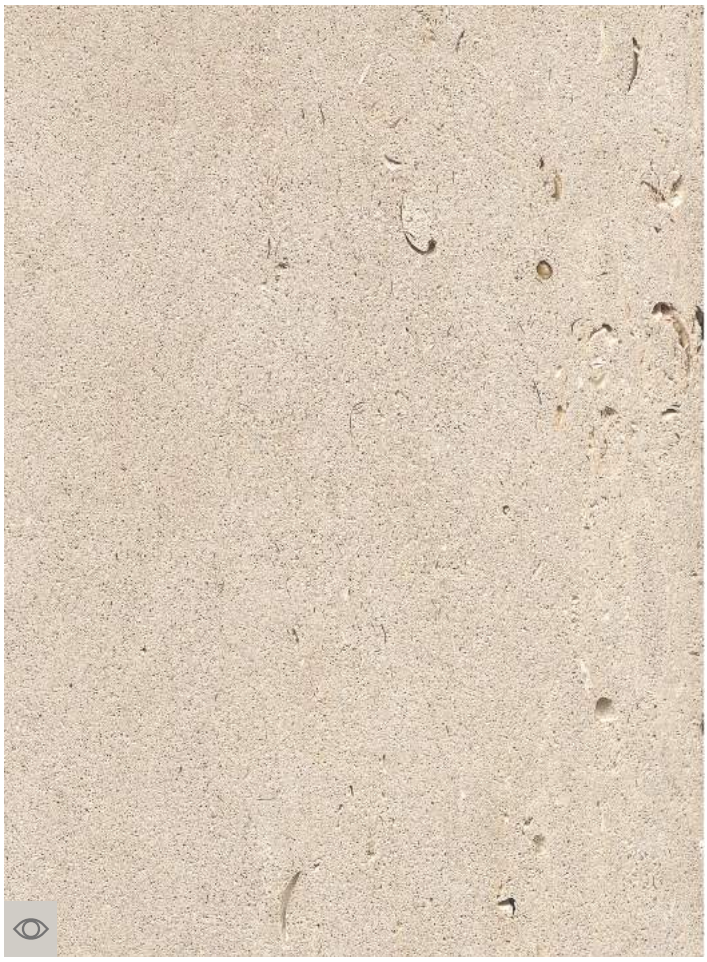
Cathédrale Saint-Alexandre-Nevsky, Paris / Private property

RECOMMENDED USES	
Finishes available	Rough Honed, Split
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding extérieure

CHARACTERISTICS		
Apparent density	NF EN 1936	1,500 to 1,700 kg/m^3
Porosity	NF EN 1936	35 to 45 %
Resistance to fixing (3cm) type 1	NF EN 13364	400 to 600 N
Compressive strength	NF EN 772-1	4 to 6 Mpa
Flexural strength	NF EN 12372	1 to 3 Mpa
Capillarity C1	NF EN 772-11	500 to 700 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	500 to 700 g.m-2.s-1/2

SAVONNIÈRES
LIMESTONE

Médiathèque, Bayeux
Serero architecte
© **Les 7 lieux**



Suboolitic vacuolar limestone, Upper Jurrassic, Portlandian stage

Grey-beige background, fine, tight round grain, with many vacuoles

Savonnières-en-Perthois (55)

REFERENCES

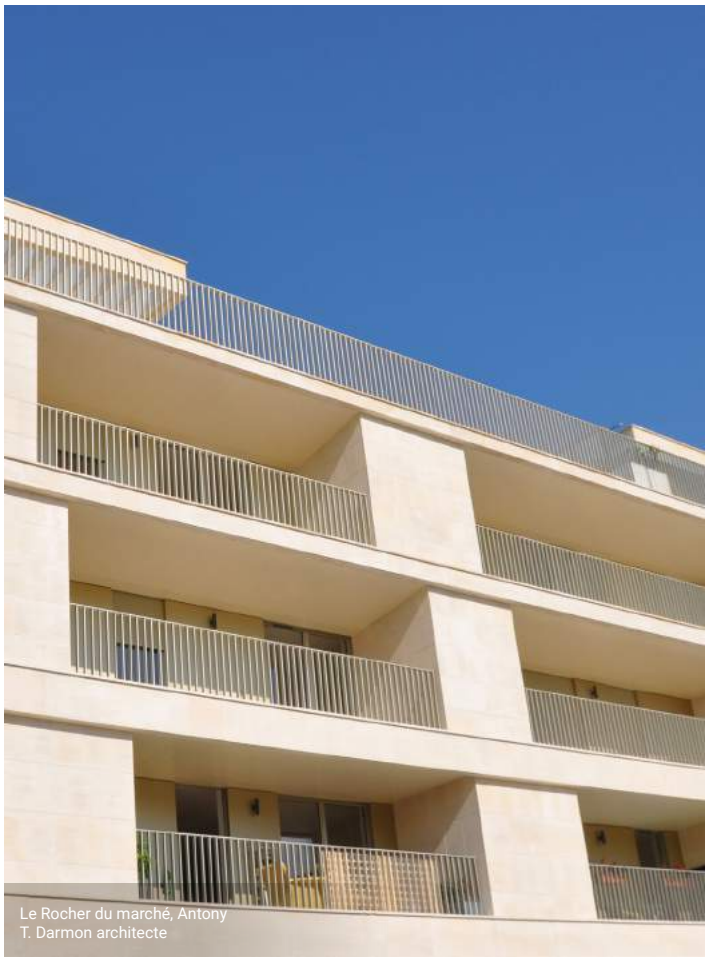
Sous-Préfecture, Commercy / La Poste, Dijon / Médiathèque les 7 Lieux, Bayeux / Salle Culturelle, Aire-sur-la-Lys / Fleur de Lys, Los Angeles (US) / Musée Hikaru, Takayama (JP) / Natwest Conference Centre, Enstone (UK) / 244 Piccadilly Street, London (GB) / Hôtel Tassel, Brussels (BE)

RECOMMENDED USES	
Finishes available	Rough Honed, Split
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor lower sections, Outdoor cornices

CHARACTERISTICS		
Apparent density	NF EN 1936	1,700 to 1,900 kg/m^3
Porosity	NF EN 1936	35 to 45 %
Resistance to fixing (3cm) type 1	NF EN 13364	600 to 800 N
Compressive strength	NF EN 772-1	15 to 20 Mpa
Flexural strength	NF EN 12372	3 to 4 MPa
Capillarity C1	NF EN 772-11	100 to 160 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	120 to 240 g.m-2.s-1/2

SÉBASTOPOL

LIMESTONE



Le Rocher du marché, Antony
T. Darmon architecte

CONSTRUCTION

FINE

Limestone with milioles and nummulites, Eocene, Lutetian stage

Golden beige background, open grain

Golden beige background, fin grain

Saint-Vaast-lès-Melo (60)

REFERENCES

Notre Dame de Cana, Troussures / Apple Store, Paris / Éco-Quartier La pointe de Trivaux, Meudon-la-Forêt / École Maternelle et Ludothèque La Ruche, Meudon-la-Forêt / Maisons Richard Lenoir, Paris / Maison Médicale, Audun-le-Roman / Zac Beaujon, Paris

RECOMMENDED USES

Finishes available	Rough Honed, Split / Honed, Rough Honed, Split, Bush Hammered, Chiselled, Tolled
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding / Outdoor cladding, Outdoor spouts

CHARACTERISTICS		
Apparent density	NF EN 1936	1,500 to 1,700 kg/m^3
Porosity	NF EN 1936	35 to 45 %
Resistance to fixing (3cm) type 1	NF EN 13364	600 to 800 N
Compressive strength	NF EN 772-1	400 to 700 N
Flexural strength	NF EN 12372	9 to 11 Mpa
Abrasion resistance	NF EN 14157	1 to 3 MPa
Capillarity C1	NF EN 772-11	600 to 800 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	700 to 900 g.m-2.s-1/2

SIREUIL
LIMESTONE


Coursives, Arcachon


BEIGE


GRAND PLANTIER

Oolitic limestone, Upper Cretaceous, Cenomanian stage

Beige background, fine to medium grain

White-yellow background, fines to mediums grains, with discontinuous brown veins

Sireuil (16)

REFERENCES

Hospital Charles Perrens, Centre Psychiatrie, Bordeaux / MSA des Charentes, L'Isle-d'Espagnac / Le Belvédères de Garonne Eiffel, Bordeaux / Porte Royale, La Rochelle / Pont Transbordeur, Rochefort / Pont Eiffel, Cubzac-les-ponts

RECOMMENDED USES

Finishes available	Rough Honed, Split
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding, outdoor spouts

CHARACTERISTICS

Apparent density	NF EN 1936	1,700 to 1,900 kg/m³	
Porosity	NF EN 1936	25 to 35 %	25 to 30 %
Resistance to fixing (3cm) type 1	NF EN 13364	600 to 800 N	
Compressive strength	NF EN 772-1	7 to 11 Mpa	
Flexural strength	NF EN 12372	1 to 3 MPa	
Capillarity C1	NF EN 772-11	300 to 450 g.m-2.s-1/2	300/400 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	400 to 550 g.m-2.s-1/2	400/500 g.m-2.s-1/2

SIREUIL
LIMESTONE


MSA des Charentes, L'Isle-d'Espagnac
© AIA Life Designers


DORÉ


DORÉ FIN

Oolitic limestone, Upper Cretaceous, Cenomanian stage

Beige background, fine to medium grain

White to yellow background, fine grain

Sireuil (16)

REFERENCES

Château de La Dauphine, Fronsac / Château Rochemorin, Martillac / Quais de Jarnac, d'Angoulême / Centre Aquatique de Jonzac

RECOMMENDED USES	
Finishes available	Rough Honed, Split
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding, outdoor spouts

CHARACTERISTICS			
Apparent density	NF EN 1936	1,700 to 1,900 kg/m³	
Porosity	NF EN 1936	25 to 35 %	
Resistance to fixing (3cm) type 1	NF EN 13364	600 to 800 N	
Compressive strength	NF EN 772-1	7 to 11 Mpa	
Flexural strength	NF EN 12372	1 to 3 MPa	
Capillarity C1	NF EN 772-11	300 to 450 g.m-2.s-1/2	
Capillarity C2	NF EN 772-11	400 to 550 g.m-2.s-1/2	

TERVOUX
LIMESTONE

Auberge de jeunesse, Tours
© V. Liorit

Chalky limestone, Middle Jurassic, Callovian stage

Plain creamy background, very fine and round grain

Chasseneuil-du-Poitou (86)

REFERENCES

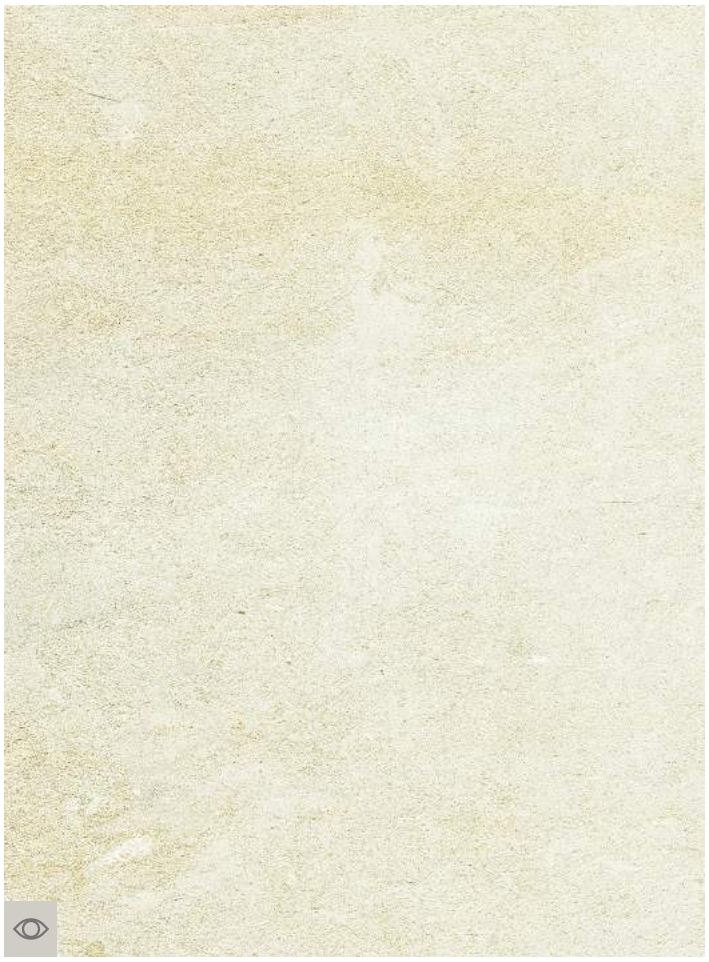
Villas Lacroix, La-Garenne-Colombes / École des Bergères, Puteaux / The People Hostel, Tours / 2 Rouvray, Neuilly-sur-Seine / Château de Maulnes / Yebisu Garden Place (Restaurant Joël Robuchon), Tokyo (JP)

RECOMMENDED USES	
Finishes available	Rough Honed, Split
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills

CHARACTERISTICS		
Apparent density	NF EN 1936	2,000 to 2,200 kg/m^3
Porosity	NF EN 1936	20 to 25 %
Resistance to fixing (3cm) type 1	NF EN 13364	500 to 700 N
Compressive strength	NF EN 772-1	20 to 30 Mpa
Flexural strength	NF EN 12372	3 to 5 Mpa
Capillarity C1	NF EN 772-11	170 to 220 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	200 to 240 g.m-2.s-1/2

TUFFEAU
LIMESTONE

Passage Pommeraye, Nantes
Platform Architecture
© **Chalmeau**



Chalky limestone, Upper Cretaceous, Turonian stage

White background, eggshell, fine grain

Jaunay-Marigny (86)

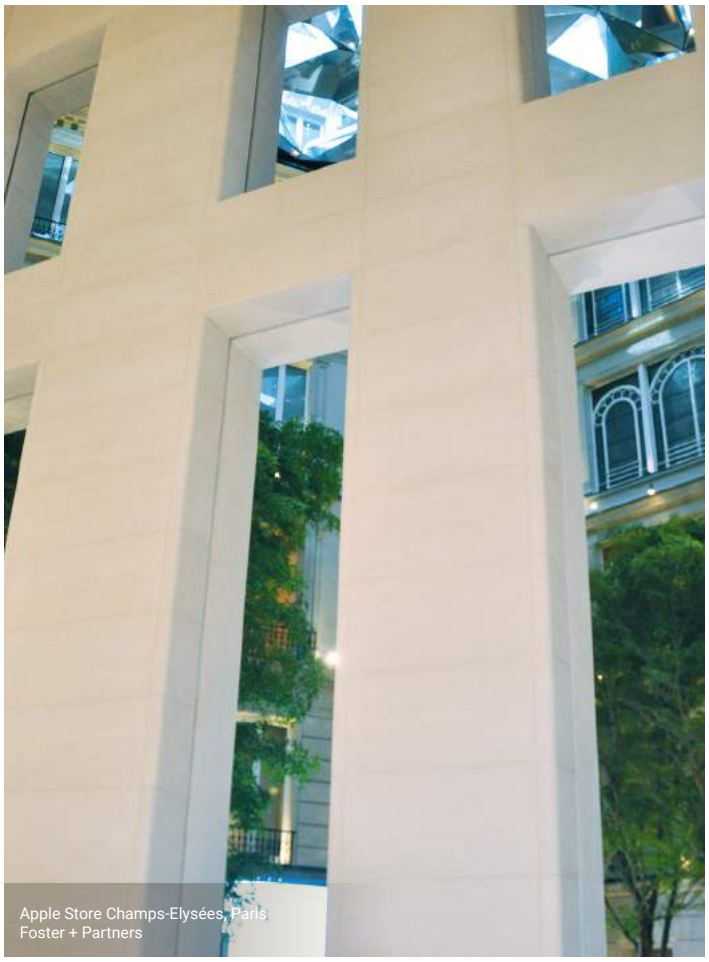
REFERENCES

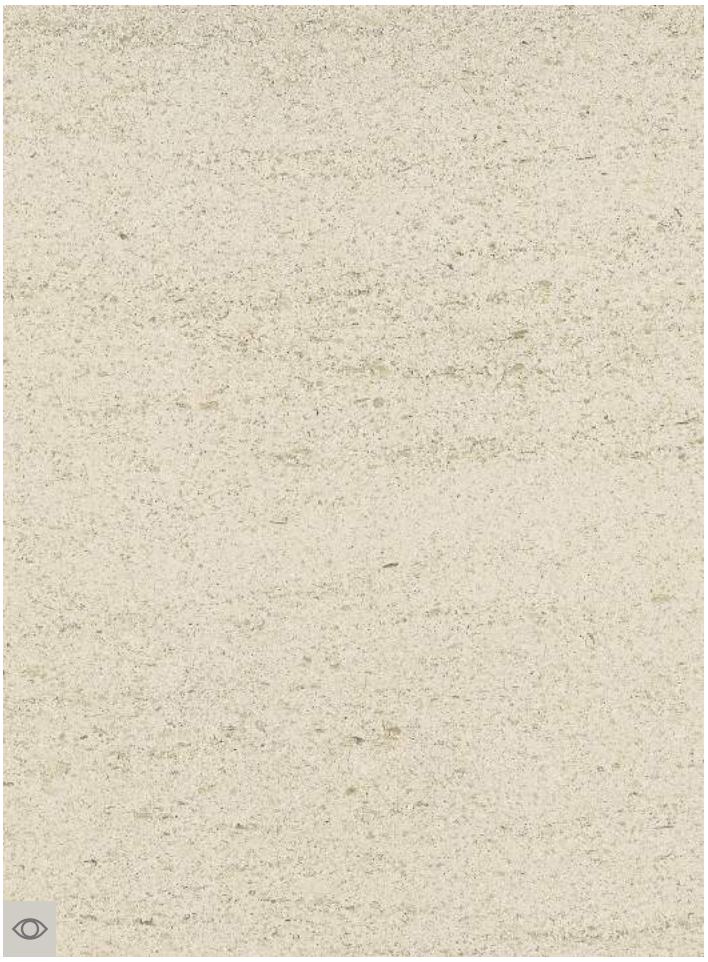
Châteaux d'Amboise, de Chenonceau, de Chambord / Musée de la Préhistoire, Grand Pressigny / Passage Pommeraye and Îlots Presse Océan, Nantes

RECOMMENDED USES	
Finishes available	Rough Honed, Split
Solid wall	Outdoor cladding, Outdoor spouts

CHARACTERISTICS		
Apparent density	NF EN 1936	1,300 to 1,500 kg/m^3
Porosity	NF EN 1936	40 to 45 %
Compressive strength	NF EN 772-1	8 to 10 Mpa
Flexural strength	NF EN 12372	2 to 3 MPa
Capillarity C1	NF EN 772-11	250 to 400 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	400 to 500 g.m-2.s-1/2

VALANGES
LIMESTONE


Apple Store Champs-Elysées, Paris
Foster + Partners



Oolitic limestone, Middle Jurassic, Bathonian stage

Off-White background slightly veined with medium, grain and occasional shells

Massangis (89)

REFERENCES

Apple Store, Paris / Le Vauban, Vélizy / Brazilian British Center, Sao Paulo (BR) / Betty Barclay, London (GB) / Carlton Gardens, London (GB) / Ritz Carlton, Dubai (UAE)

RECOMMENDED USES

Finishes available	Honed, Rough Honed, Split, Bush Hammered, Tooled, Brushed
Flooring	Indoor private traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding

CHARACTERISTICS

Apparent density	NF EN 1936	2,200 to 2,400 kg/m^3
Porosity	NF EN 1936	11 to 12 %
Resistance to fixing (3cm) type 1	NF EN 13364	800 to 1000 N
Compressive strength	NF EN 772-1	30 to 40 Mpa
Flexural strength	NF EN 12372	6 to 9 MPa
Abrasion resistance	NF EN 14157	27 to 32 mm

VILHONNEUR BERCY

LIMESTONE

Hôtel Collège des Doctrinaires****, Lectoure,
Architecte S. Descoches
© **C. Mossière**

Oolitic limestone, Middle Jurassic, Bathonian stage

Off-White background slightly veined with beige grain

Vilhonneur (16)

REFERENCES

Ministère de l'Économie et des Finances, Paris / Hôtel Collège des Doctrinaires****, Lectoure

RECOMMENDED USES	
Finishes available	Honed, Rough Honed, Split, Bush Hammered, Tooled, Brushed
Flooring	Indoor private traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills

CHARACTERISTICS		
Apparent density	NF EN 1936	2,200 to 2,400 kg/m^3
Porosity	NF EN 1936	8 to 12 %
Resistance to fixing (3cm) type 1	NF EN 13364	800 to 1200 N
Flexural strength	NF EN 12372	6 to 9 MPa
Abrasion resistance	NF EN 14157	22 to 26 mm

VILHONNEUR CLASSIQUE AND MARBRIER

LIMESTONE

Tour Pacific La Défense, Puteaux
K. Pedersen Fox

Oolitic limestone, Middle Jurassic, Bathonian stage

Cream White background with beige, fine grain

Vilhonneur (16)

REFERENCES

Tours Pacific, La Défense / Chais Monnet *****, Cognac / Mémorial de la Paix, Caen / Vauxhall Cross SIS, London (GB)

RECOMMENDED USES	
Finishes available	Honed, Rough Honed, Split, Bush Hammered, Tooled, Brushed
Flooring	Indoor public moderate traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor listels, Outdoor sills

CHARACTERISTICS		
Apparent density	NF EN 1936	2200 to 2400 kg/m^3
Porosity	NF EN 1936	8 to 12 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,500 to 1,700 N
Compressive strength	NF EN 772-1	45 to 65 Mpa
Flexural strength	NF EN 12372	6 to 9 MPa
Abrasion resistance	NF EN 14157	22 to 26 mm
Capillarity C1	NF EN 772-11	40 to 45 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	40 to 45 g.m-2.s-1/2
Slip resistance – dry environment	NF EN 14231	70 to 100 Honed
Slip resistance – wet environment	NF EN 14231	40 to 50 Honed


ARTISAN BOULANGER

INDEX

Médiathèque André Chamson, Aigue-Mortes - Atelier Nebout - **CHARMOT** limestone

POLYCOR
NATURAL STONE

Polycor Inc. products are natural. Subtle variations in color and texture do occur and are part of what makes natural stone unique and attractive. We cannot guarantee an exact match to any of the photographic images contained in this brochure. Polycor Inc.'s continuing attention to product improvement requires that product specifications, technical information, and availability are subject to change without notice.

polycor.fr

Contact Us

+33 (0)1 49 33 26 00

Our natural stones are quarried and processed in the France, Canada and U.S.

carbon neutral 2025