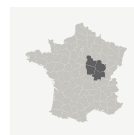


# ANSTRUDE CLAIR

## LIMESTONE



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



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

CHARACTERISTICS		
Apparent density	NF EN 1936	2,100 to 2,200 kg/m <sup>3</sup>
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	NF EN 14157	38 to 42 mm
Capillarity C1	NF EN 772-11	120 to 140 g.m <sup>-2</sup> .s <sup>-1/2</sup>
Capillarity C2	NF EN 772-11	120 to 140 g.m <sup>-2</sup> .s <sup>-1/2</sup>

# BALZAC

## MARBLE STONE



-  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/m <sup>3</sup>	
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	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) / Théâtre 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 <sup>3</sup>
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	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



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 / Propriétés 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

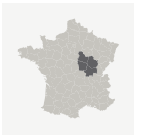


Apparent density	NF EN 1936	2,500 to 2,700 kg/m <sup>3</sup>
Porosity	NF EN 1936	1 to 4 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,600 to 2,200 N
Compressive strength	NF EN 772-1	90 to 130 MPa
Flexural strength	NF EN 12372	11 to 15 MPa
Abrasion resistance	NF EN 14157	21 to 25 mm
Capillarity C1	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 tight, fine grain, grey-yellow ash color background



Buxy (71)

## REFERENCES

SCI Porte Océane, La Rochelle / Résidence Port-Royal, Nantes / Apple Store and bureaux, Champs-Élysée, 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

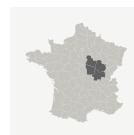
## CHARACTERISTICS



Apparent density	NF EN 1936	2,500 to 2,700 kg/m <sup>3</sup>
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	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 <sup>3</sup>
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	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

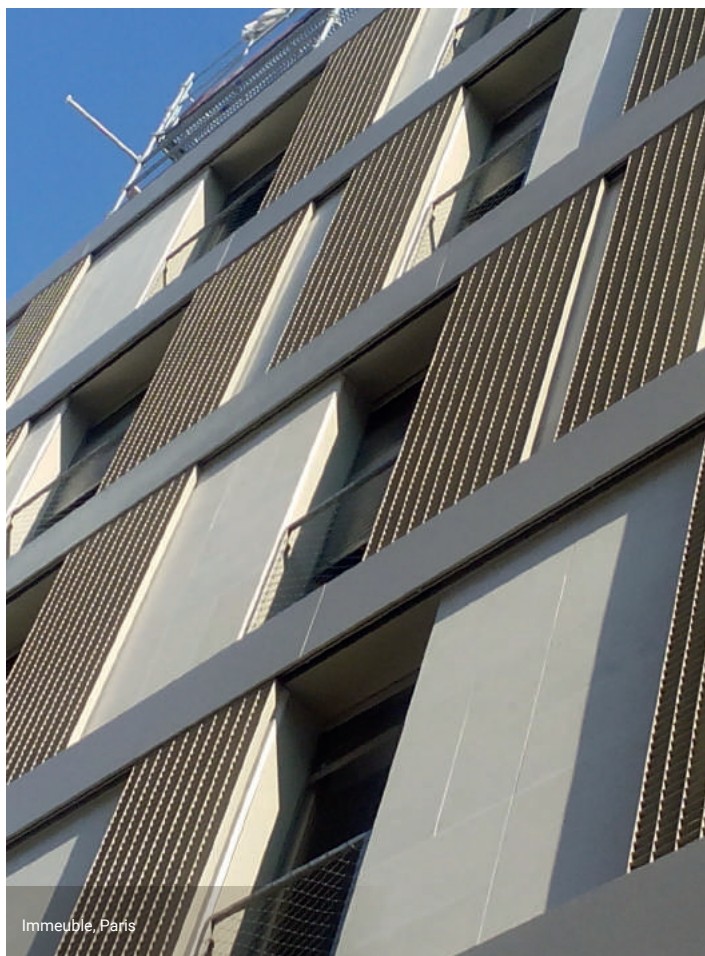
Finishes available	Honed, Rough Honed, Split, Bush Hammered, Chiselled, Polished, Brushed
Flooring	Indoor public heavy traffic
Wall cladding	Glued, Standard fixing, Outdoor cladding, Outdoor listels, Outdoor sills, Outdoor lower sections, Outdoor coping
Solid wall	Outdoor cladding, Outdoor spouts, Outdoor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

## CHARACTERISTICS

			
Apparent density	NF EN 1936		2,400 to 2,600 kg/m <sup>3</sup>
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	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



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 <sup>3</sup>
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	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 <sup>3</sup>
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	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 Residence, 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 <sup>3</sup>
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 <sup>3</sup>
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, Nîmes / 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/m <sup>3</sup>
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 Docteurs \*\*\*\*, 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, Trolled, 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 <sup>3</sup>
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, Trolled, 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 <sup>3</sup>
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 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, Trolled, 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 <sup>3</sup>
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

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, Trolled, 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 <sup>3</sup>
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 biocalcarene, 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, Londres (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, Trolled, 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

CHARACTERISTICS		
Apparent density	NF EN 1936	2,400 to 2,600 kg/m <sup>3</sup>
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 <sup>3</sup>
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



# ROCHERON CLAIR

MARBLE STONE



Mobilier, Reims  
© Villedereims



Mitilic 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



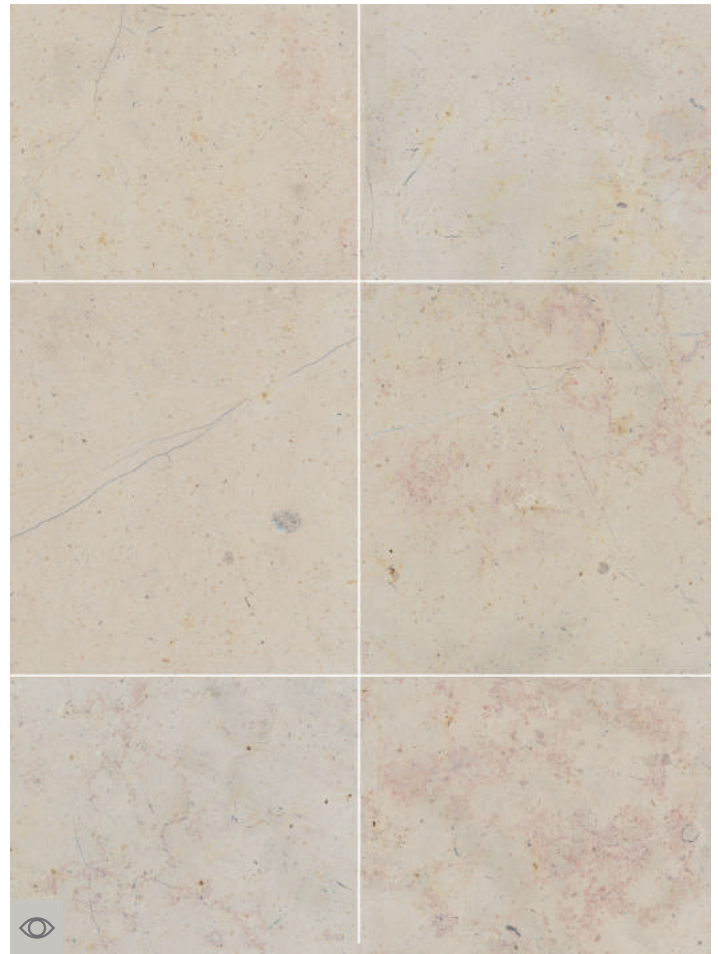
Apparent density	NF EN 1936	2,500 to 2,700 kg/m <sup>3</sup>
Porosity	NF EN 1936	0,5 to 2 %
Resistance to fixing (3cm) type 1	NF EN 13364	1,800 to 2,200 N
Compressive strength	NF EN 772-1	150 to 200 MPa
Flexural strength	NF EN 12372	12 to 17 MPa
Abrasion resistance	NF EN 14157	18 to 21 mm
Capillarity 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 Sawn
Slip resistance – wet environment	NF EN 14231	50 to 60 Sawn

# 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

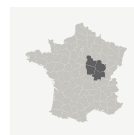


Apparent density	NF EN 1936	2,500 to 2,700 kg/m <sup>3</sup>
Porosity	NF EN 1936	0,5 to 2 %
Resistance to fixing (3cm) type 1	NF EN 13364	1800 to 2200 N
Compressive strength	NF EN 772-1	150 to 200 MPa
Flexural strength	NF EN 12372	12 to 17 MPa
Abrasion resistance	NF EN 14157	18 to 21 mm
Capillarity C1	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 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

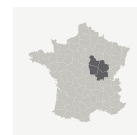
### CHARACTERISTICS



Apparent density	NF EN 1936	2,500 to 2,700 kg/m <sup>3</sup>
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

# ROCHERON LÉGÈREMENT MOUCHETÉ

MARBLE STONE



Mitilic 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 Americana, 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/m <sup>3</sup>
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

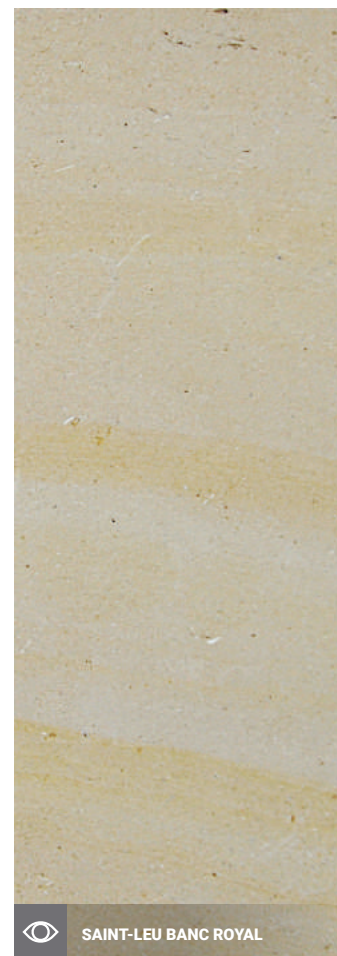
LIMESTONE



Chanel, Paris - architecte Viguier et associés  
© Takuji Shimmura



SAINT-LEU



SAINT-LEU BANC ROYAL

Limestone with milioles and nummulites, 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

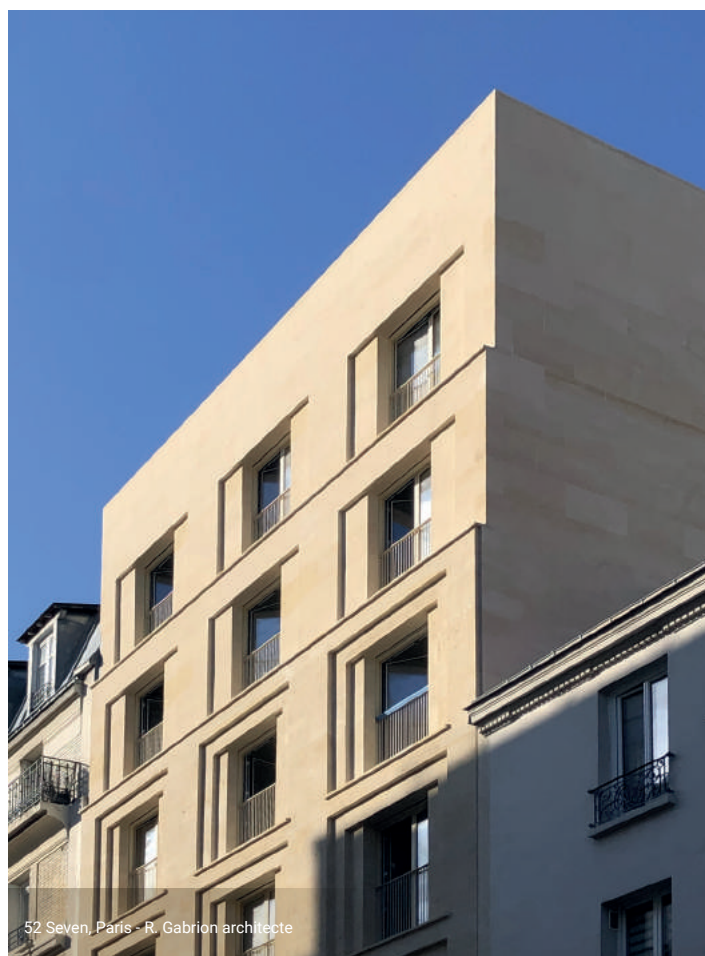
Finishes available	Rough Honed, Split
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding

## CHARACTERISTICS

Apparent density	NF EN 1936	1,500 to 1,700 kg/m <sup>3</sup>	1,600 to 1,700 kg/m <sup>3</sup>
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, Toled
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding

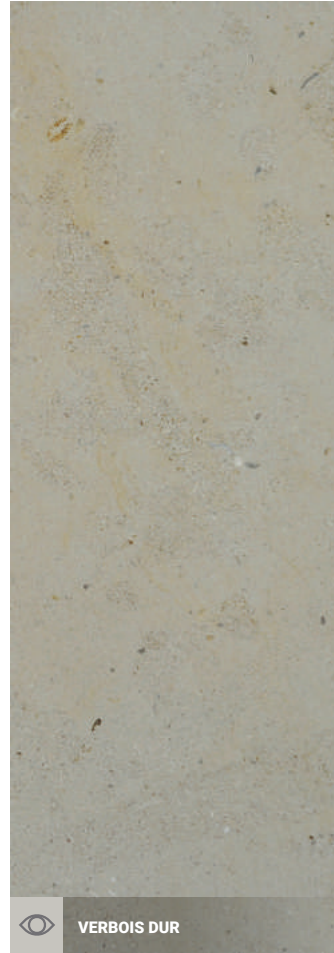
## CHARACTERISTICS

			
Apparent density	NF EN 1936	1,600 to 1,900 kg/m <sup>3</sup>	
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



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, Tolle
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding

### CHARACTERISTICS

Apparent density	NF EN 1936	2,100 to 2,500 kg/m <sup>3</sup>	1,900 to 2,000 kg/m <sup>3</sup>
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 / Lloyds 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 <sup>3</sup>
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



-  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 <sup>3</sup>
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 <sup>3</sup>
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 background, with irregular oolites, strewn with fossil debris, fine grain



White background 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, Tolloed
Wall cladding	Glued, Standard fixing, Outdoor cladding
Solid wall	Outdoor cladding

## CHARACTERISTICS

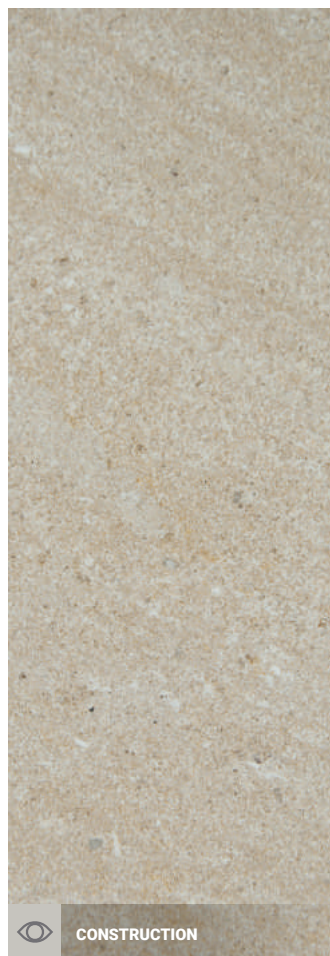
Apparent density	NF EN 1936	2,000 to 2,200 kg/m <sup>3</sup>	
Porosity	NF EN 1936	15 to 25 %	
Resistance to fixing (3cm) type 1	NF EN 13364	1300 to 2000 N	
Compressive strength	NF EN 772-1	20 to 30 Mpa	
Flexural strength	NF EN 12372	5 to 7 MPa	
Capillarity C1	NF EN 772-11	140 to 160 g.m-2.s-1/2	
Capillarity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



-  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/m <sup>3</sup>	
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



🔍 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/m <sup>3</sup>
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 <sup>3</sup>
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

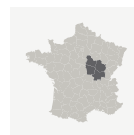


Apparent density	NF EN 1936	1,300 to 1,500 kg/m <sup>3</sup>
Porosity	NF EN 1936	40 to 45 %
Compressive strength	NF EN 772-1	8 to 10 Mpa
Flexural strength	NF EN 12372	2 to 3 Mpa
Capillarity C1	NF EN 772-11	250 to 400 g.m-2.s-1/2
Capillarity C2	NF EN 772-11	400 to 500 g.m-2.s-1/2



# VALANGES

## LIMESTONE



Apple Store Champs-Élysées, 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 <sup>3</sup>
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 <sup>3</sup>
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 <sup>3</sup>
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