



THE STEEL RANGE THAT SHOWCASES ITS WOOD OPTICS





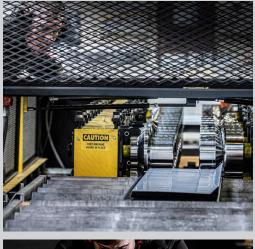
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How is it that the latest company in the field of metal cladding has taken less than 10 years to shape its market?

You're familiar with the following universal theory; everyone can identify with it: one of the great enemies of humankind – of our human way of thinking – is habit.

The habit of **thinking within a certain framework** not because we have established it ourselves, but just because it is there, locking us into an ultimately comfortable

standard process: Thinking like Mr. Average.

Our story perfectly embodies how to buck this trend: we are the latest entrant to the French metal cladding market. Despite being the most recently established company, in just over 10 years, we have built a reputation that is unrivalled in the sector, consistently outpacing the competition with our original and desirable designs; our iENluence is clearly unrelated to our economic weight.



- first to reinvent the aesthetics of metal clad buildings
- first to bring steel cladding into towns and cities
- first to offer a 30-year warranty
- first to invent a random facade
- first to offer low carbon steel as standard
- first selective lacquering of a pre-painted coil



We have pushed back the boundaries and brought steel cladding **into cities and towns**. Offices, apartment blocks, interior design – a significant part of our business is generated by projects outside industrial buildings; steel cladding is now considered a desirable element.

We have consulted architects, builders, artisans and contractors. Together, we have radically changed the scene in just a few years. Ateliers 3S impacts on its market in terms both of building aesthetics and environmental concerns, and is creatively liberating.

This positive impact becomes yours also. It is encoded in your buildings. **Permanently.**"



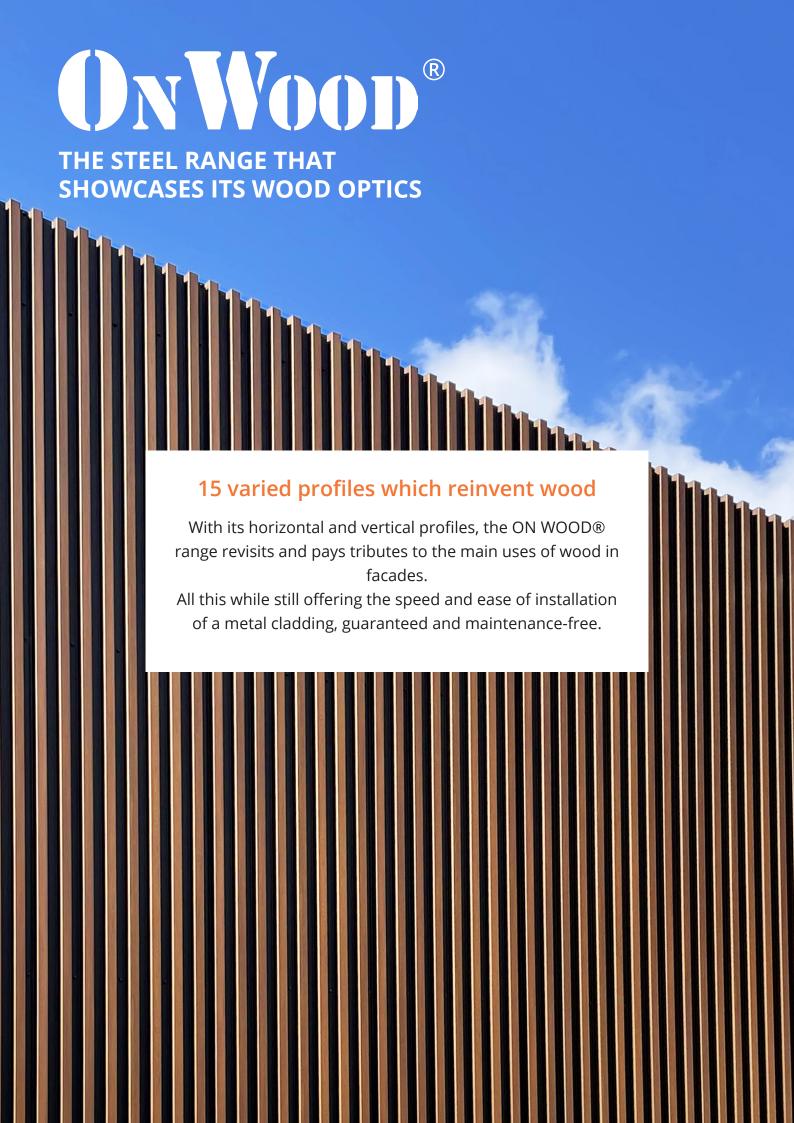
Our **30-year warranty** – ensuring that our products last three times longer – was our first step in an eco-friendly approach to sustainability and economy. However, while steel can be recycled repeatedly, the recyclable volume currently available is only sufficient to meet a quarter of global demand. The future therefore lies in low carbon steel.

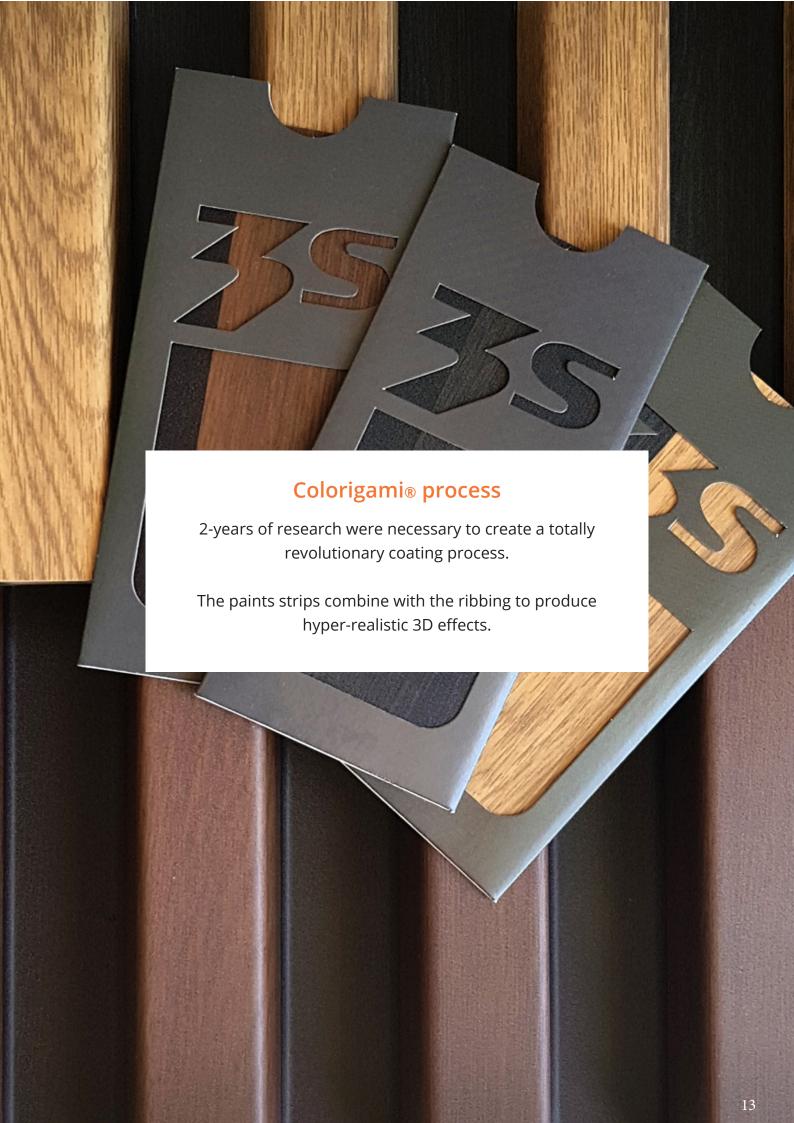
As of 2024, we are the first company to offer the new low carbon steel as standard. Climate concerns are not an option; by anticipating that the carbon footprint of any building will be a determining factor in its construction, we are offering our customers the opportunity to be in phase with future trends."

OUR











COLORIGAMI® PROCESS

The ONWOOD range showcases 4 wood species. We wanted a hyper-realistic fine grain, treated with ultra matte coating, to resemble as much as possible to the very low sheen of natural wood. When present, the black strips

The paints strips combine with the ribbing to produce hyperrealistic 3D effects.

When present, the black strips in the base of the ribs are also matte coated and designed to fade into the background.



4 EXCLUSIVE COLORS FOR 8 POSSIBILITIES



Silver Teck



Wood with black strips



Plain wood

Hazelnut Oak



Wood with black strips



Plain wood

Natural Oak



Wood with black strips



Plain wood

Coffee Oak



Wood with black strips

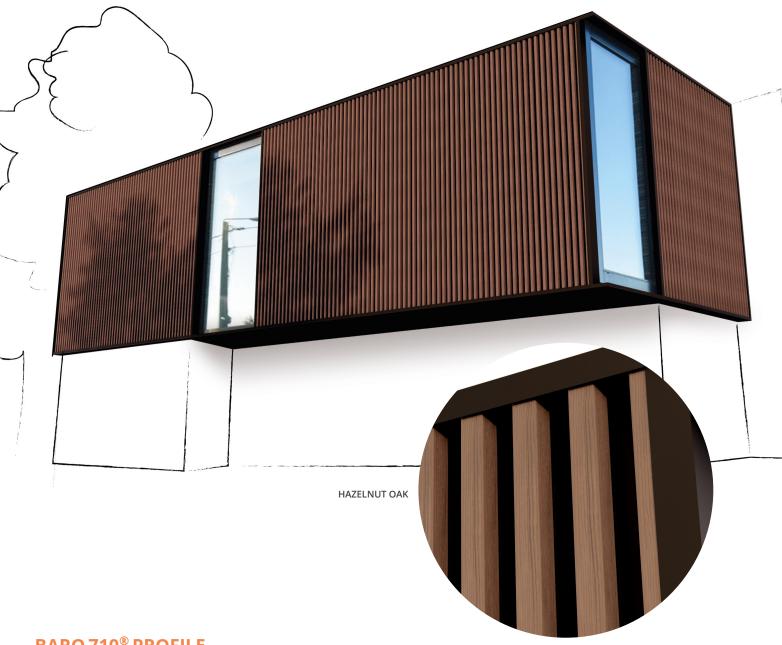


Plain wood





BARO 710



BARO 710® PROFILE

Thanks to its ribs which take up the most common sections of the 37x37 mm wooden battens, BARO® creates the wood wall cladding wonderfully.

Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	10.1

Coating	Standard
Polyester 47µ	Coil coating EN 10169

Effective width: 710 mm - Panel Length: 13000 mm maximum Vertical or horizontal application

REGISTERED PATENT AND DESIGNS

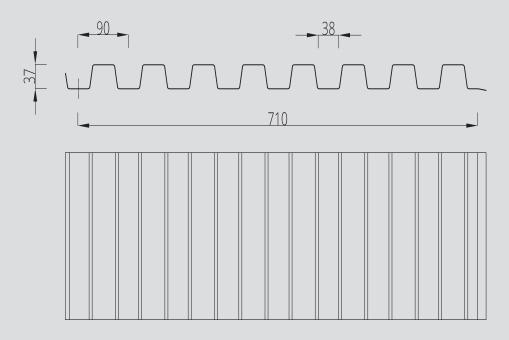
30-YEAR WARRANTY

FIRE: A1 IMPACT: Q4

TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

BARO 710









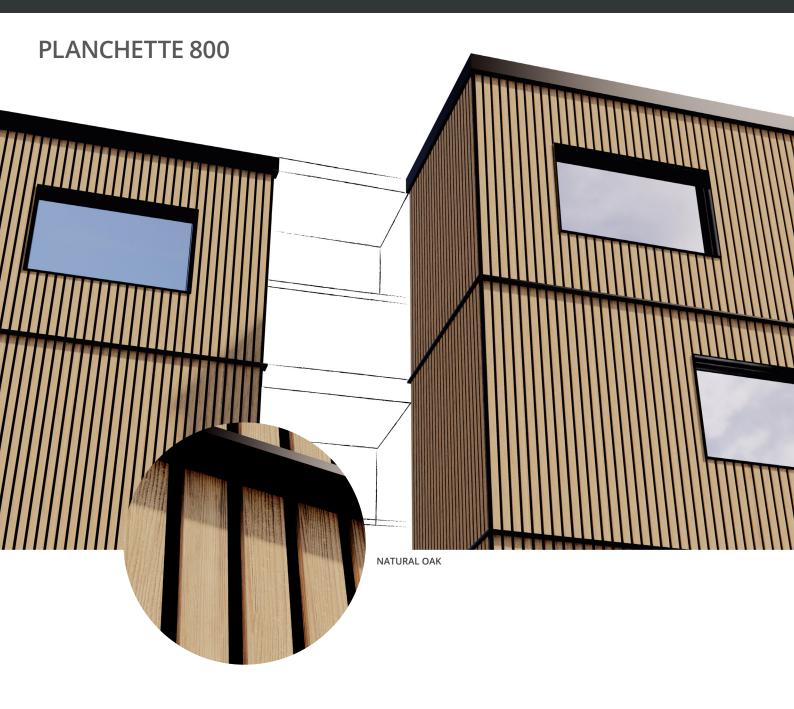












PLANCHETTE 800® PROFILE

As comfortable outside as inside, PLANCHETTE 800\$ and its fine lath ribs offer a modern, aesthetically pleasing panelled appearance.

Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	9.0

Effective width: **800 mm** - Panel Length : **6000 mm maximum** Vertical application only

Coating	Standard
Polyester 47µ	Coil coating EN 10169
Other coating	Upon request

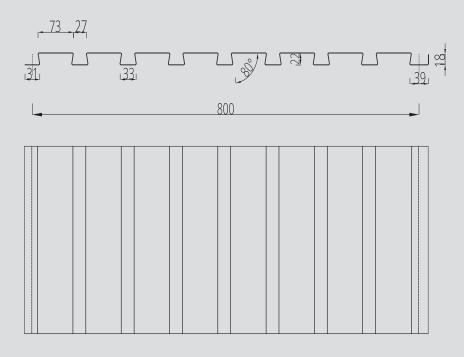
REGISTERED PATENT AND DESIGNS 30-YEAR WARRANTY FIRE : A1

IMPACT: Q4

TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

PLANCHETTE 800















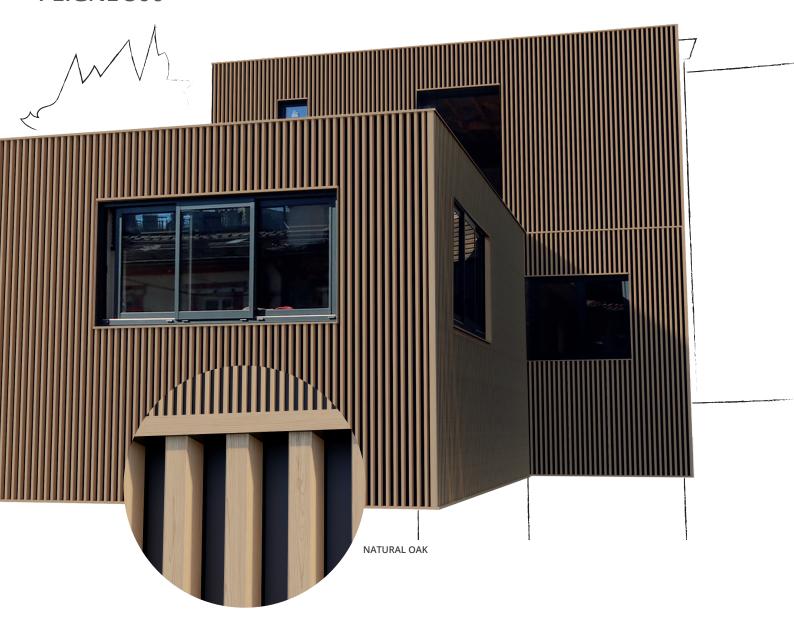








PEIGNE 500



PEIGNE 500® PROFILE

With maximum depth between each of its fine ribs, Peigne 500® offers a tight and unique wooden slat effect.

Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.63	12.07

Coating	Standard
Polyester 47µ	Coil coating EN 10169
Other coating	Upon request

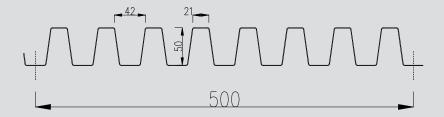
Effective width: 500 mm - Panel Length : 6000 mm maximum Vertical application only

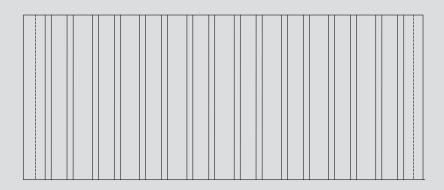
REGISTERED PATENT AND DESIGNS 30-YEAR WARRANTY

FIRE : A1 IMPACT : Q4 TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

PEIGNE 500











CLAIREWOA 880® PROFILE

Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	8.2

Effective width: 880 mm - Panel Length: 6000 mm maximum Horizontal application

Coating	Standard
Polyester 47µ	Coil coating EN 10169
Other coating	Upon request

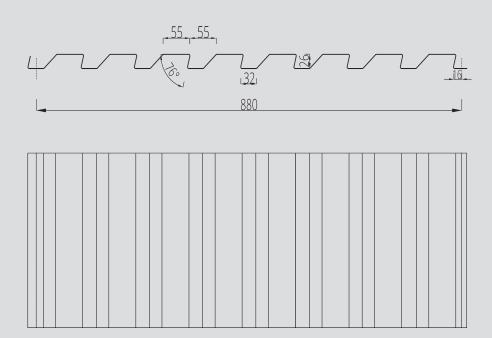
REGISTERED PATENT AND DESIGNS 30-YEAR WARRANTY FIRE : A1

IMPACT: Q4

TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

CLAIREWOA 880





















ALABAMA 1060



ALABAMA 1060® PROFILE

Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	6.8

Effective width: 1060 mm - Panel Length: 6000 mm maximum Horizontal application

Coating	Standard
Polyester 47µ	Coil coating EN 10169
Other coating	Upon request

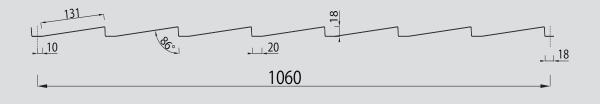
REGISTERED PATENT AND DESIGNS 30-YEAR WARRANTY FIRE : A1

IMPACT: Q4

TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

ALABAMA 1060







NATURAL OAK PLAIN WOOD

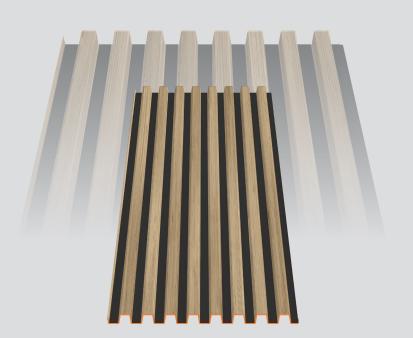






BARO MINI 360







BARO MAXI 360 PROFILE

Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.63	8.31

	Coating	Standard	
	Polyester 47µ	Coil coating EN 10169	
	Other coating	Upon request	

Profile Height: 18 mm

Panel Length: 6000mm maximum

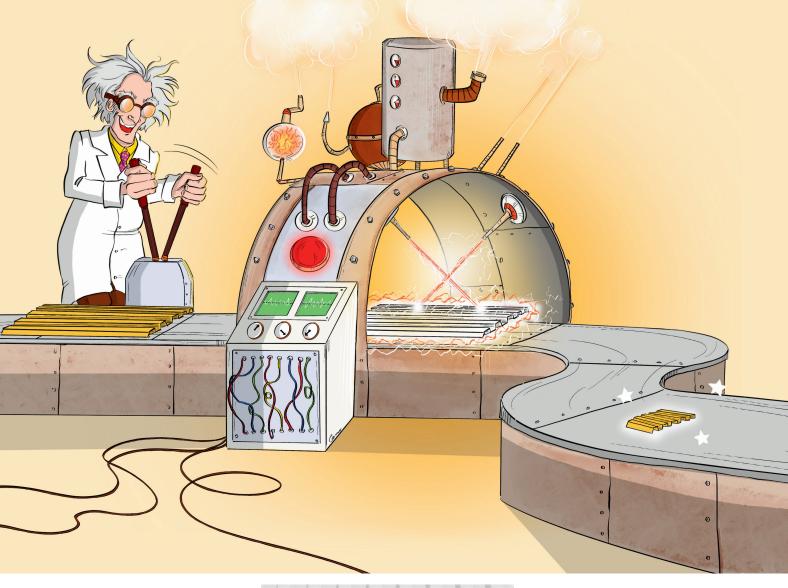
REGISTERED PATENT AND DESIGNS 30-YEAR WARRANTY FIRE : A1

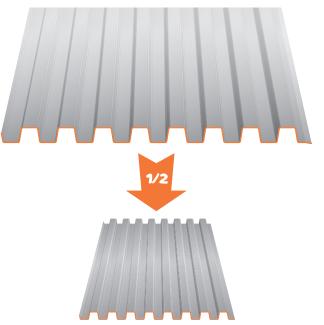
IMPACT: Q4

TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

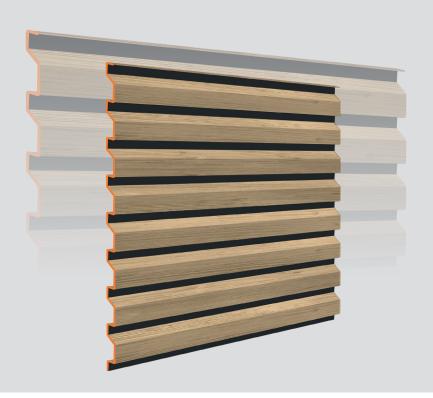
OUR ICONIC CLADDING SOLUTIONS IN OUR **Mini**® SIGNATURE





CLAIREWOA MINI 440







CLAIREWOA MAXI 440 PROFILE

Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.63	6.80

Coating	Standard
Polyester 47µ	Coil coating EN 10169
Other coating	Upon request

Profile Height:: 14 mm

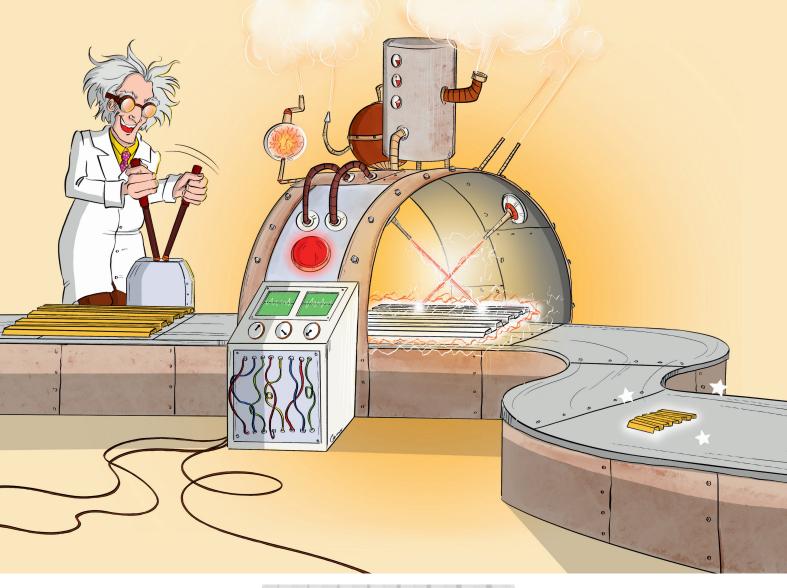
Panel Length: 6000mm maximum

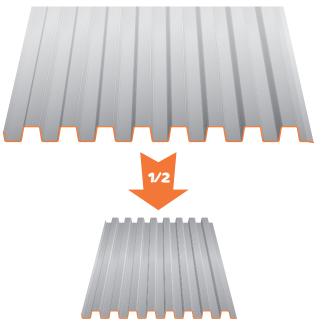
REGISTERED PATENT AND DESIGNS 30-YEAR WARRANTY

FIRE : A1 IMPACT : Q4 TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

OUR ICONIC CLADDING SOLUTIONS IN OUR **Mini**® SIGNATURE

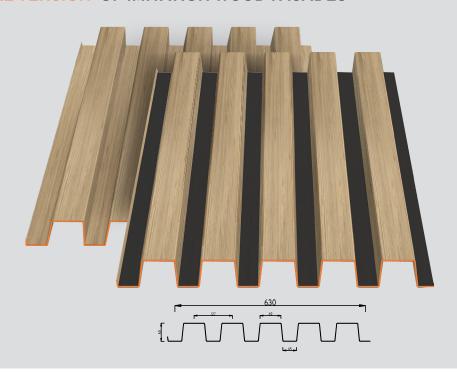




BARO MAXI 630



XXL VERSION OF IMITATION WOOD FACADES



BARO MAXI 630 PROFILE

Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	11.40

Coating	Standard
Polyester 47µ	Coil coating EN 10169
Other coating	Upon request

Profile Height: 60 mm

Panel Length: 6000mm maximum

REGISTERED PATENT AND DESIGNS 30-YEAR WARRANTY

FIRE : A1 IMPACT : Q4 TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE



The success of the ONWOOD range also extends to large-scale projects.

The MAXI collection provides balanced proportions and a consistent scale on tall, long facades.

Mix and match with twin models of different sizes for stunning graphic effects.



PLANCHE MAXI 900



XXL VERSION OF IMITATION WOOD FACADES

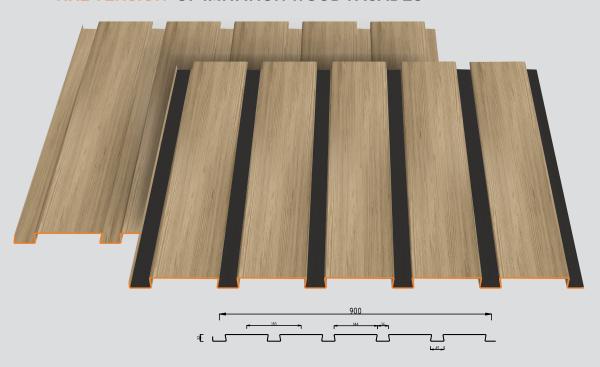


PLANCHE MAXI 900 PROFILE

Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	7.98

Co	ating	Standard
Po	lyester 47µ	Coil coating EN 10169
Ot	her coating	Upon request

Profile Height: 22 mm

Panel Length: 6000mm maximum

REGISTERED PATENT AND DESIGNS 30-YEAR WARRANTY

FIRE : A1 IMPACT : Q4 TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE



The success of the ONWOOD range also extends to large-scale projects.

The MAXI collection provides balanced proportions and a consistent scale on tall, long facades.

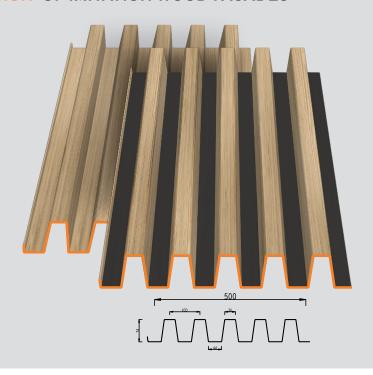
Mix and match with twin models of different sizes for stunning graphic effects.



PEIGNE MAXI 500



XXL VERSION OF IMITATION WOOD FACADES



PEIGNE MAXI 500 PROFILE

Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	14.37

Coating	Standard
Polyester 47µ	Coil coating EN 10169
Other coating	Upon request

Profile Height: 74 mm

Panel Length: 6000mm maximum

REGISTERED PATENT AND DESIGNS 30-YEAR WARRANTY

FIRE : A1 IMPACT : Q4 TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE



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The MAXI collection provides balanced proportions and a consistent scale on tall, long facades.

Mix and match with twin models of different sizes for stunning graphic effects.

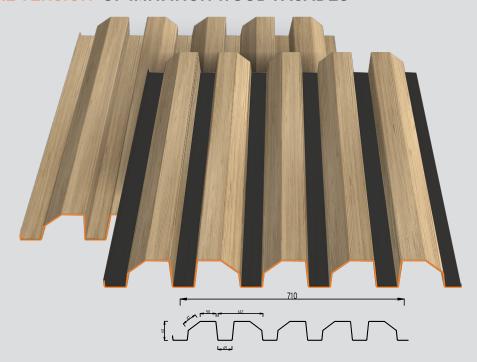


ONWOOD THE PROFILES

CHANFREIN MAXI 710



XXL VERSION OF IMITATION WOOD FACADES



CHANFREIN MAXI 710 PROFILE

Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	10.12

Coating	Standard
Polyester 47µ	Coil coating EN 10169
Other coating	Upon request

Profile Height: 60 mm

Panel Length: 6000mm maximum

REGISTERED PATENT AND DESIGNS 30-YEAR WARRANTY

FIRE : A1 IMPACT : Q4 TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

DWG, BIM, SKETCHUP FILES TO DOWNLOAD ON OUR WEBSITE



The success of the ONWOOD range also extends to large-scale projects.

The MAXI collection provides balanced proportions and a consistent scale on tall, long facades.

Mix and match with twin models of different sizes for stunning graphic effects.



ONWOOD THE PROFILES

CLAIREWOA MAXI 800



CLAIREWOA MAXI 800 PROFILE

Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	8.98

Coating	Standard
Polyester 47µ	Coil coating EN 10169
Other coating	Upon request

Profile Height: 43 mm

Panel Length: 6000mm maximum

REGISTERED PATENT AND DESIGNS 30-YEAR WARRANTY

FIRE : A1 IMPACT : Q4 TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

DWG, BIM, SKETCHUP FILES TO DOWNLOAD ON OUR WEBSITE



The success of the ONWOOD range also extends to large-scale projects.

The MAXI collection provides balanced proportions and a consistent scale on tall, long facades.

Mix and match with twin models of different sizes for stunning graphic effects.



ONWOOD THE PROFILES



BUCHETTE®

PLAY THE CONSTRUCTION GAME WITH **()NWOOD**

Embedded in the very DNA of Ateliers 3S modular ranges, the new BUCHETTE® collection offers 3 new models with wood optics design that alternates flat and standing ribs.

Give your wood-alike facades a rhythmic touch, harking back to childhood days spent playing construction games with wood strips.

A brand new collection that plays on random designs to break up the monotony of extra-long facades.

REGISTERED PATENT AND DESIGNS 30-YEAR WARRANTY

FIRE: A1 IMPACT: Q4 TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM, SKETCHUP FILES TO DOWNLOAD ON OUR WEBSITE



THE PROFILES ON WOOD

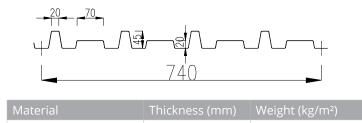
ONWOOD **BÛCHETTE B1**® [740]

Coating	Standard
Polyester 47µ	Coil coating EN 10169
Other coating	Upon request

0.75

9.7

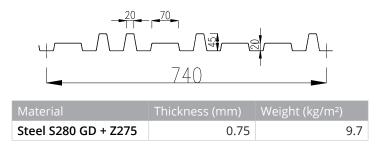




Steel S280 GD + Z275

ONWOOD **BÛCHETTE B2**® [740]





ONWOOD BÛCHETTE B3® [740]





Effective width : $740 \ mm$ - Panel Length : $6000 \ mm$ maximum Vertical or horizontal application

NATURAL OAK	ACK STRIPS







ONWOOD THE PROFILES





THE SOUL OF LAP-JOINT CLADDING

Wether it comes from Scandinavia or from alpine pastures, for Ateliers3S it is above all inspired by sea spray and seaside cabins.

Our new ONWOOD series «THE LANDAISE» with lap-joint design evokes the soul of the coasts. From the Arcachon Basin to the Isle of Ré, and now extending to your home wherever you may be, THE LANDAISE designs your steel facades with what wood cladding evokes most traditionally.

Available in all our wood-looking finishes, the LANDAISE series is enhanced by the new SILVER TEAK colour, offering your facades the salty charm of wood weathered by wind and light. Always maintenance-free and guaranteed for 30 years.

REGISTERED PATENT AND DESIGNS 30-YEAR WARRANTY

FIRE: A1 IMPACT: Q4 TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

DWG, BIM, SKETCHUP FILES TO DOWNLOAD ON OUR WEBSITE



THE PROFILES ONWOOD

ONWOOD LANDAISE L1® [980]

ONWOOD LANDAISE L1® [980]

Other coating

Upon request



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Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	7.33

ONWOOD LANDAISE L2® [944]





Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	7.61

Panel Length: 8000 mm maximum Vertical or horizontal application



Fix the panels with precision, respect the rhythm of the ribs and coexist in the overall vision, the mission of the screws of the LANDAISE series is essential.

ATELIERS 3S offers you, for each panel model, a technical optimization with minimal aesthetic impact. By placing the screws as close as possible to the ribs, they are concealed by the shadow of the wave and are more discreet. They also benefit from their rigidity.

Particular attention must be paid to the tightening torque of screws located in flat areas to avoid any deformation of the facing.

ONWOOD LANDAISE L1® [980]

Overlapped rib

ONWOOD LANDAISE L2® [944]

Overlapped rib

Overlapping rib

Overlapping rib

RANGE **PANORAMA**

















THE PROFILES ONWOOD



















BARO 710® LOAD CAPACITIES

SPAN TABLES IN DAN/M2, ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per EN EN 1991-1-4

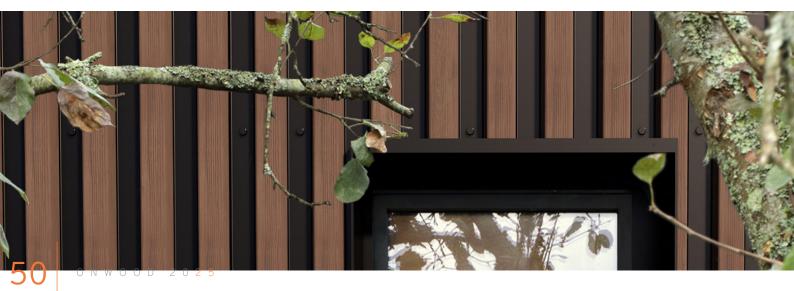
PRES	SURE		SUCTION	
2 supports	3 supports	Span (m)	2 supports	3 supports
0.75	0.75		0.75	0.75
1790	1206	1,00	1789	1206
1243	914	1,20	1242	914
913	718	1,40	913	718
672	580	1,60	675	580
474	479	1,80	476	479
346	402	2,00	348	402
261	343	2,20	262	343
201	296	2,40	202	296
159	258	2,60	159	258
127	227	2,80	128	227
104	199	3,00	104	199



Calculation according to Eurocode III Part 1.3 (EN-1993)

Seismic validation: CSTB DCC/CLC_12_229_1 study report

Profiles Maximal Length: 13000 mm



PLANCHETTE 800® LOAD CAPACITIES

SPAN TABLES IN DAN/M2, ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per EN EN 1991-1-4

PRES	SURE	Span (m)	SUCTION	
2 supports	3 supports		2 supports	3 supports
0.75	0.75	m	0.75	0.75
579	579	1.00	618	309
483	483	1.20	515	257
414	414	1.40	365	221
322	362	1.60	245	193
226	322	1.80	172	172
165	290	2.00	125	154
124	263	2.20	94	140
95	208	2.40	72	129
75	164	2.60	57	119
60	131	2.80	46	110
49	107	3.00	37	92

A table calculated according to NV 65 rules is available upon simple request

Test report n°11901887-001-1



Test performed according to norm EN P 34-503-1 and interpretation according to interpretation as per Annexes E and N of the RAGE French professional recommendations

Seismic validation: CSTB DCC/CLC_12_229_1 study report

Profiles Maximal Length: 6000 mm



PEIGNE 500® LOAD CAPACITIES

SPAN TABLES IN DAN/M2, ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per EN EN 1991-1-4

PRES	SURE	Suan (m)	SUCTION	
2 supports	3 supports	Span (m)	2 supports	3 supports
0.63	0.63	m	0.63	0.63
2426	1541	1.00	2426	1512
1840	1187	1.20	1925	1162
1352	945	1.40	1415	924
1035	772	1.60	1083	754
818	644	1.80	856	628
627	546	2.00	627	531
471	469	2.20	471	456
363	407	2.40	363	396
285	357	2.60	285	347
228	316	2.80	229	307



Calculation according to Eurocode III Part 1.3 (EN-1993)

Seismic validation: CSTB DCC/CLC_12_229_1 study report

Profiles Maximal Length: 6000mm



CLAIREWOA 880® LOAD CAPACITIES

SPAN TABLES IN DAN/M2, ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per EN EN 1991-1-4

PRES	SURE	Enan (m)	SUCT	ION
2 supports	3 supports	Span (m)	2 supports	3 supports
0.75	0.75	m	0.75	0.75
555	555	1.00	657	328
462	462	1.20	547	274
396	396	1.40	444	234
270	347	1.60	298	205
189	308	1.80	209	182
138	277	2.00	152	164
104	252	2.20	114	149
80	199	2.40	88	137
63	156	2.60	69	126
50	125	2.80	56	115
41	102	3.00	45	94

A table calculated according to NV 65 rules is available upon simple request

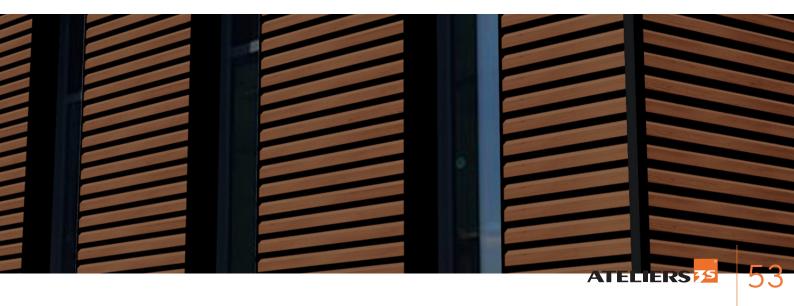
Test report n°11901886-001-1



Test performed according to norm EN P 34-503-1 and interpretation according to interpretation as per Annexes E and N of the RAGE French professional recommendations

Seismic validation: CSTB DCC/CLC_12_229_1 study report

Profiles Maximal Length: 6000mm



ALABAMA 1060® LOAD CAPACITIES

SPAN TABLES IN DAN/M2, ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per EN EN 1991-1-4

PRES	SURE	Enan (m)	SUCT	ION
2 supports	3 supports	Span (m)	2 supports	3 supports
0.75	0.75	m	0.75	0.75
352	352	1.00	356	254
267	293	1.20	206	212
172	248	1.40	130	181
115	190	1.60	87	159
81	139	1.80	61	116
59	102	2.00	45	84
44	76	2.20	33	63
34	59	2.40	26	49
27	46	2.60	20	38
22	37	2.80	16	31
17	30	3.00	13	25

A table calculated according to NV 65 rules is available upon simple request

Test report n°11901888-001-1



Test performed according to norm EN P 34-503-1 and interpretation according to interpretation as per Annexes E and N of the RAGE French professional recommendations

Seismic validation: CSTB DCC/CLC_12_229_1 study report

Profiles Maximal Length: 6000 mm

BÛCHETTE 740® LOAD CAPACITIES

SPAN TABLES IN DAN/M2, ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per EN EN 1991-1-4

PRES	SURE	Span (m)	SUCTION		
2 supports	3 supports	Span (III)	2 supports	3 supports	
0.75	0.75	m	0.75	0.75	
245	245	1.00	551	276	
204	204	1.20	459	230	
175	175	1.40	394	197	
153	153	1.60	345	172	
136	136	1.80	306	153	
123	123	2.00	239	138	
111	111	2.20	180	125	
102	102	2.40	138	115	
94	94	2.60	109	106	
88	88	2.80	87	98	
82	82	3.00	71	92	

A table calculated according to NV 65 rules is available upon simple request

Test report n°13294418-001-1



Test performed according to norm EN P 34-503-1 and interpretation according to interpretation as per Annexes E and N of the RAGE French professional recommendations

Seismic validation: CSTB DCC/CLC_12_229_1 study report

Profiles Maximal Length: 6000mm



BARO MINI 360





LOAD CAPACITIES

SPAN TABLES IN DAN/M2, ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per EN EN 1991-1-4

PRES	SURE	Span (m)	SUC	TION
2 supports	3 supports	Span (III)	2 supports	3 supports
572	925	1.0	572	875
331	642	1.2	331	608
209	472	1.4	209	447
140	361	1.6	140	342
98	255	1.8	98	255
72	186	2.0	72	186
54	140	2.2	54	140
41	108	2.4	41	108
33	85	2.6	33	85
26	68	2.8	26	68
21	55	3.0	21	55

The TOYS range metal sheets are non-structural sheets according to standard EN EN 14782:2006, as per RAGE Professional Recommendations for Cladding of July 2014, not intended to receive PPE anchoring devices according to EN 795 standard or lifelines.

Seismic validation: CSTB DCC/CLC_12_229_1 study report



Calculation according to Eurocode III Part 1.3 (EN-1993)

Technical information established in accordance with the provisions of the professional recommendations for steel cladding of July 2014.

CLAIREWOA MINI 440





LOAD CAPACITIES

SPAN TABLES IN DAN/M2, ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per EN EN 1991-1-4

PRESSURE		Span (m)	SUCTION			
2 supports	3 supports	4 supp. & +	Span (m)	2 supports	3 supports	4 supp.& +
448	746	754	1.0	364	721	656
259	548	436	1.2	211	515	380
163	345	275	1.4	133	325	239
109	231	184	1.6	89	217	160
77	162	129	1.8	62	153	112
56	118	94	2.0	45	111	82
42	89	71	2.2	34	84	62
32	68	55	2.4	26	64	47
25	54	43	2.6	21	51	37
20	43	34	2.8	17	41	30
17	35	28	3.0	13	33	24

The TOYS range metal sheets are non-structural sheets according to standard EN EN 14782:2006, not intended to receive PPE anchoring devices according to EN 795 standard or lifelines.

Seismic validation: CSTB DCC/CLC_12_229_1 study report

Test report n°R134690349-001-1



Test performed according to norm EN P 34-503-1 and interpretation according to interpretation as per Annexes E and N of the RAGE French professional recommendations

Technical information established in accordance with the provisions of the professional recommendations for steel cladding of July 2014.

ONWOOD SPAN TABLES

BARO MAXI 630





LOAD CAPACITIES

SPAN TABLES IN DAN/M2, ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per EN EN 1991-1-4

PRES	SURE	Snan (m)	SUC	TION
2 supports	3 supports	Span (m)	2 supports	3 supports
1704	1228	1.0	1704	1218
1420	959	1.2	1420	951
1217	774	1.4	1217	767
1043	640	1.6	1065	633
824	539	1.8	843	533
668	461	2.0	683	455
552	399	2.2	564	394
464	349	2.4	474	345
391	308	2.6	404	304
316	274	2.8	344	271
259	246	3.0	281	242

The ONWOOD range metal sheets are non-structural sheets according to standard EN EN 14782:2006, as per RAGE Professional Recommendations for Cladding of July 2014, not intended to receive PPE anchoring devices according to EN 795 standard or lifelines.

Seismic validation: CSTB DCC/CLC_12_229_1 study report



Calculation according to Eurocode III Part 1.3 (EN-1993)

Technical information established in accordance with the provisions of the professional recommendations for steel cladding of July 2014.

PLANCHE MAXI 900





LOAD CAPACITIES

SPAN TABLES IN DAN/M2, ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per EN EN 1991-1-4

	PRESSURE		Span (m)	SUCTION		ON
2 supports	3 supports	4 supp. & +	Span (m)	2 supports	3 supports	4 supp. & +
423	423	426	1.0	846	547	551
353	353	355	1.2	588	456	459
302	302	304	1.4	401	391	393
244	265	266	1.6	268	342	344
172	235	237	1.8	188	304	301
125	212	209	2.0	137	274	220
94	192	157	2.2	103	234	165
72	161	121	2.4	80	180	127
57	137	95	2.6	63	142	100
46	113	76	2.8	50	113	80
37	92	62	3.0	41	92	65

 $The \, ONWOOD \, range \, metal \, sheets \, are \, non-structural \, sheets \, according to \, standard \, ENEN \, 14782 ; 2006, as \, per \, RAGE \, Professional \, Recommendations$ for Cladding of July 2014, not intended to receive PPE anchoring devices according to EN 795 standard or lifelines.

Seismic validation: CSTB DCC/CLC_12_229_1 study report

Test report n°R134436831-001-1



Test performed according to norm EN P 34-503-1 and interpretation according to interpretation as per Annexes E and N of the RAGE French professional recommendations

Technical information established in accordance with the provisions of the professional recommendations for steel cladding of July 2014.

PEIGNE MAXI 500





LOAD CAPACITIES

SPAN TABLES IN DAN/M2, ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per EN EN 1991-1-4

PRES	SURE	Snan (m)	SUC	TION
2 supports	3 supports	Span (m)	2 supports	3 supports
2139	1643	1.0	2139	1636
1782	1294	1.2	1782	1288
1528	1052	1.4	1528	1047
1337	875	1.6	1337	870
1188	741	1.8	1188	737
1039	637	2.0	1053	633
858	554	2.2	870	551
721	487	2.4	731	484
615	432	2.6	623	429
530	386	2.8	537	383
462	347	3.0	464	344

The ONWOOD range metal sheets are non-structural sheets according to standard EN EN 14782:2006, as per RAGE Professional Recommendations for Cladding of July 2014, not intended to receive PPE anchoring devices according to EN 795 standard or lifelines.

Seismic validation: CSTB DCC/CLC_12_229_1 study report



Calculation according to Eurocode III Part 1.3 (EN-1993)

Technical information established in accordance with the provisions of the professional recommendations for steel cladding of July 2014.

CHANFREIN MAXI 710





LOAD CAPACITIES

SPAN TABLES IN DAN/M2, ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per EN EN 1991-1-4

	PRESSURE		PRESSURE Span (m)		SUCTION		
2 supports	3 supports	4 supp. & +	Span (m)	2 supports	3 supports	4 supp. & +	
811	811	816	1.0	1748	874	879	
676	676	680	1.2	1456	728	733	
579	579	583	1.4	1248	624	628	
507	507	510	1.6	1092	546	549	
450	450	453	1.8	884	485	488	
405	405	408	2.0	716	437	440	
369	369	371	2.2	592	397	400	
338	338	340	2.4	497	364	366	
312	312	314	2.6	424	336	338	
290	290	291	2.8	342	312	314	
270	270	272	3.0	278	291	293	

 $The \, ONWOOD \, range \, metal \, sheets \, are \, non-structural \, sheets \, according to \, standard \, ENEN \, 14782 ; 2006, as \, per \, RAGE \, Professional \, Recommendations$ for Cladding of July 2014, not intended to receive PPE anchoring devices according to EN 795 standard or lifelines.

Seismic validation: CSTB DCC/CLC_12_229_1 study report

Test report n°R134436832-001-1



Test performed according to norm EN P 34-503-1 and interpretation according to interpretation as per Annexes E and N of the RAGE French professional recommendations

Technical information established in accordance with the provisions of the professional recommendations for steel cladding of July 2014.



CLAIREWOA MAXI 800





LOAD CAPACITIES

SPAN TABLES IN DAN/M2, ACCORDING TO WIND LOAD

Limit deflection criterion taken into account: 1/150th according to French professional recommendations (RAGE) under wind load calculated as per EN EN 1991-1-4

	PRESSURE		Span (m)	SUCTION		
2 supports	3 supports	4 supp. &+	Spail (III)	2 supports	3 supports	4 supp. & +
515	515	518	1.0	1206	603	607
429	429	432	1.2	1005	502	506
368	368	370	1.4	861	431	433
322	322	324	1.6	665	377	379
286	286	288	1.8	525	335	337
258	258	259	2.0	412	301	303
234	234	236	2.2	309	274	276
215	215	216	2.4	238	251	253
198	198	199	2.6	187	232	233
169	184	185	2.8	150	215	217
137	172	173	3.0	122	201	202

 $The \, ONWOOD \, range \, metal \, sheets \, are \, non-structural \, sheets \, according to \, standard \, ENEN 14782:2006, as \, per \, RAGE \, Professional \, Recommendations$ for Cladding of July 2014, not intended to receive PPE anchoring devices according to EN 795 standard or lifelines.

Seismic validation: CSTB DCC/CLC_12_229_1 study report

Test report n°R134294628-001-1



Test performed according to norm EN P 34-503-1 and interpretation according to interpretation as per Annexes E and N of the RAGE French professional recommendations

Technical information established in accordance with the provisions of the professional recommendations for steel cladding of July 2014.



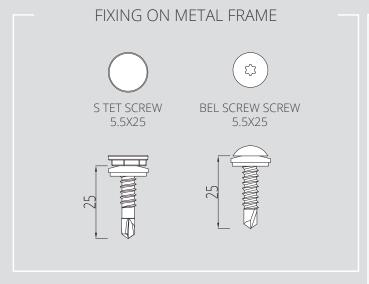




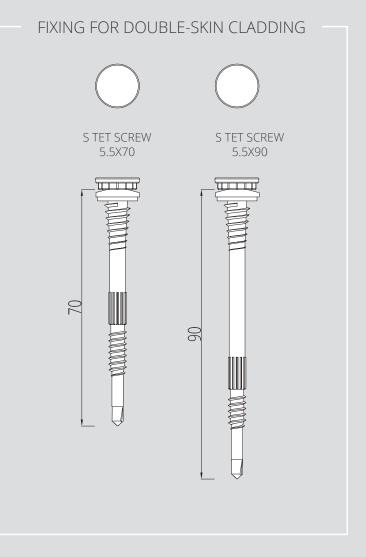
ONWOOD INSTALLATION

FIXING THE PANELS

The colour of the screws used in your project with the ON WOOD® range must be consistent with the colour of the bottom of the ON WOOD® ribs.









Available in the RAL color of your choice

ON WOOD® screws are a visible part of the façade. As well as complying with standards, particular care must be taken to ensure that it looks good. The shape of the screw head and its colour can be adapted to each building.

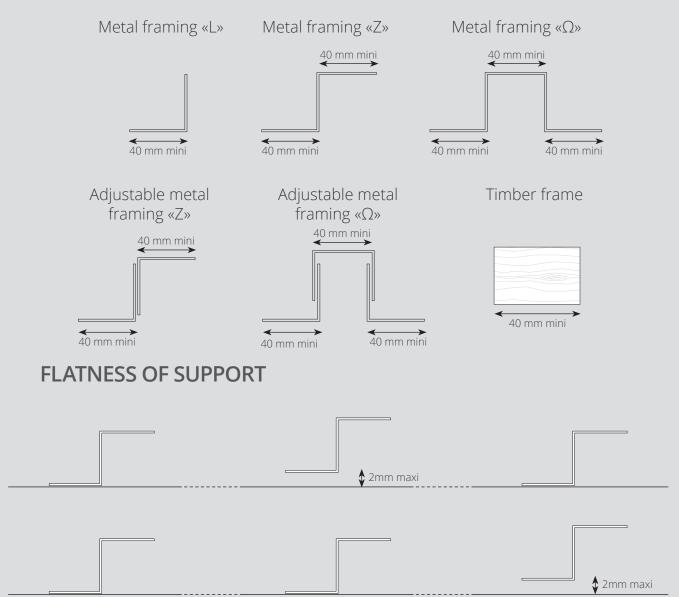






S TET HEADS are screwed using a specific tool, available from ATELIERS 3S.

SECONDARY FRAMING



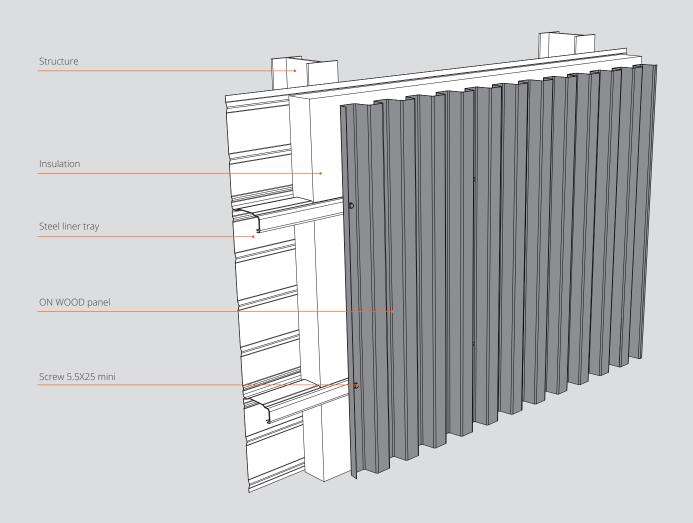
The secondary framing elements must be sized by the installation company. Metal framing should be at least 1.5mm thick.

The flatness of the support is essential when installing the panels.

Regardless of the type of secondary framework chosen (metal or wood), it must comply with a maximum permissible **co-planarity of 2mm over three supports.**



DOUBLE-SKIN INSTALLATION / VERTICAL APPLICATION



BUIDINGS WITH METAL FRAMING

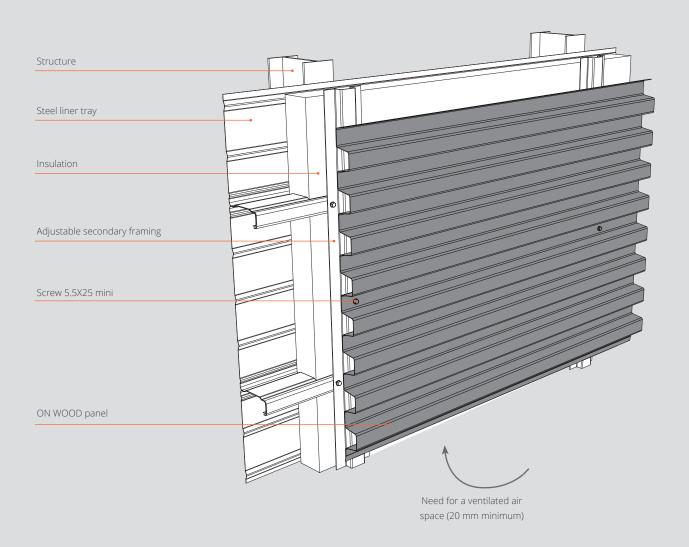
ON WOOD® is a traditional cladding system installed in accordance with the RAGE rules (French steel cladding installation recommandations). It is perfectly suited to double-skin installation. The flatness of the support is very important for a quality finish, and an adjustable secondary framework is recommended for horizontal installation.

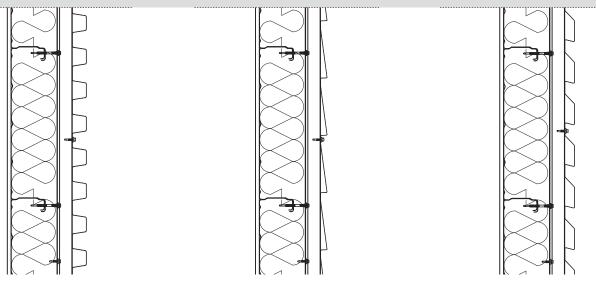
The sheets should be fixed in accordance with RAGE recommendations, using the appropriate screws and bolts according to the type of building. The layout must take into account the maximum length of the sheets: 6000mm (13000mm for BARO 710). Specific finishing elements must be provided, examples in the finishing profiles section.

CAUTION: PLANCHETTE 800® can only be installed vertically.

Regular cleaning of the cladding with water should be carried out to avoid the accumulation of dust on horizontally laid cladding.

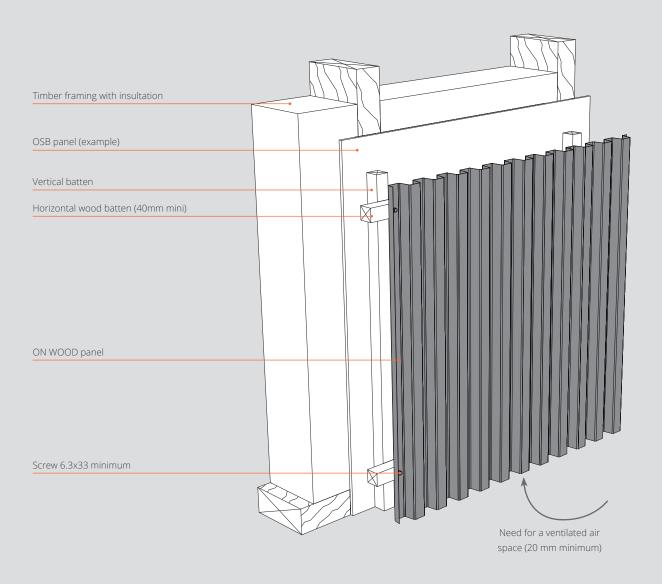
DOUBLE-SKIN INSTALLATION / HORIZONTAL APPLICATION







TIMBER-FRAMED WALLS / VERTICAL APPLICATION



TIMBER-FRAMED WALLS

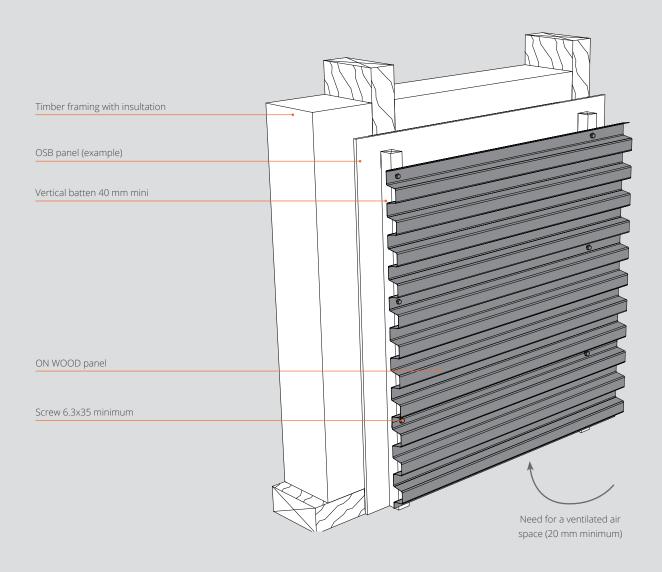
The framework and its installation must comply with Cahier CSTB 3316.

In the case of a timber frame, a ventilated air space must be provided.

ON WOOD® cladding complies with RAGE rules and does not require an additional rain screen.

The flatness of the support is very important for a quality finish, and an adjustable secondary framework is recommended. The sheets should be fixed with the appropriate screws according to the type of building.

TIMBER-FRAMED WALLS / HORIZONTAL APPLICATION



TIMBER-FRAMED WALLS

The framework and its installation must comply with Cahier CSTB 3316.

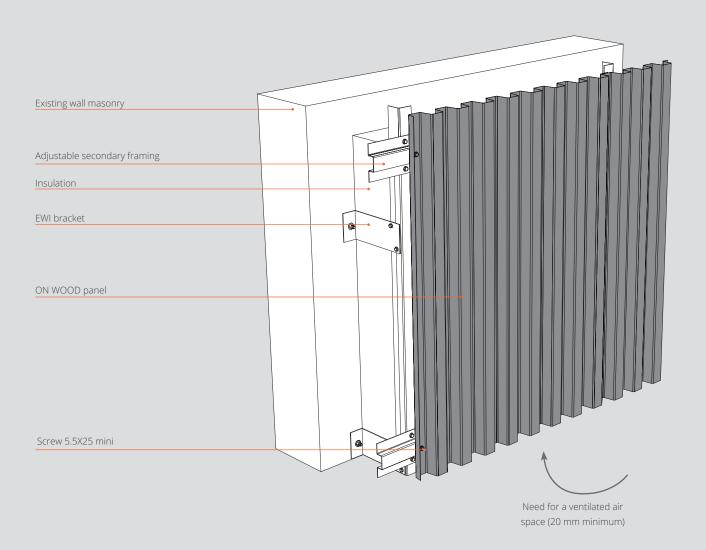
In the case of a timber frame, a ventilated air space must be provided.

ON WOOD® cladding complies with RAGE rules and does not require an additional rain screen.

The flatness of the support is very important for a quality finish, and an adjustable secondary framework is recommended. The sheets should be fixed with the appropriate screws according to the type of building.



EXTERNAL WALL INSULATION (EWI) VERTICAL APPLICATION



EXTERNAL WALL INSULATION RENOVATION

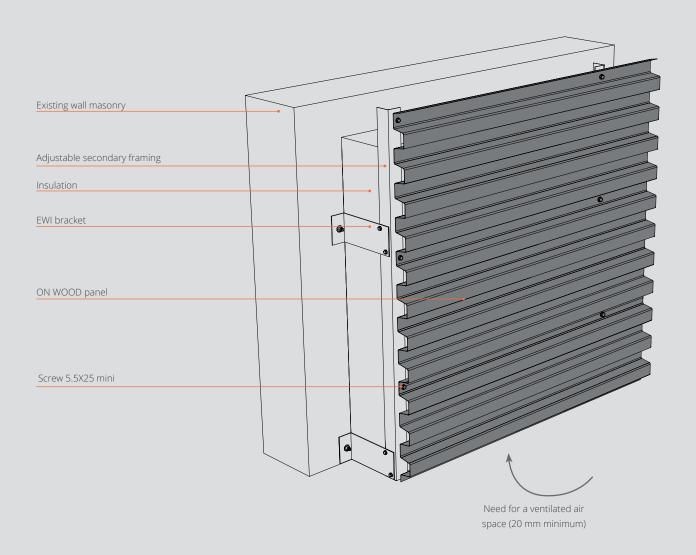
The ON WOOD® range can be used in the construction or renovation of buildings with external wall insulation (EWI), as all the profiles in the range are suitable for this type of installation.

The framework and its installation must comply with CSTB Specification 3194. Load-bearing profiles must be fitted at the top and bottom of the cladding, and must be sized accordingly.

The flatness of the support is very important for a quality finish, and an adjustable secondary framework is recommended.



EXTERNAL WALL INSULATION (EWI) HORIZONTAL APPLICATION



EXTERNAL WALL INSULATION RENOVATION

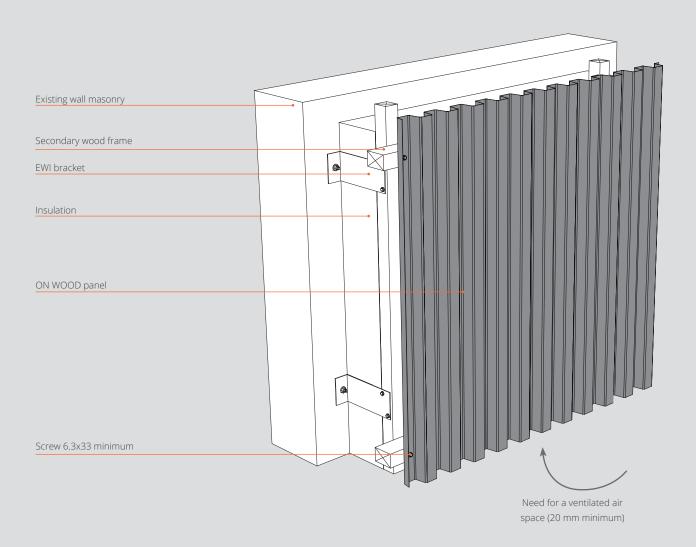
The ON WOOD® range can be used in the construction or renovation of buildings with external wall insulation (EWI), as all the profiles in the range are suitable for this type of installation.

The framework and its installation must comply with CSTB Specification 3194. Load-bearing profiles must be fitted at the top and bottom of the cladding, and must be sized accordingly.

The flatness of the support is very important for a quality finish, and an adjustable secondary framework is recommended.



EXTERNAL WALL INSULATION (EWI) TIMBER FRAME VERTICAL APPLICATION



EWI / SECONDARY WOOD FRAME

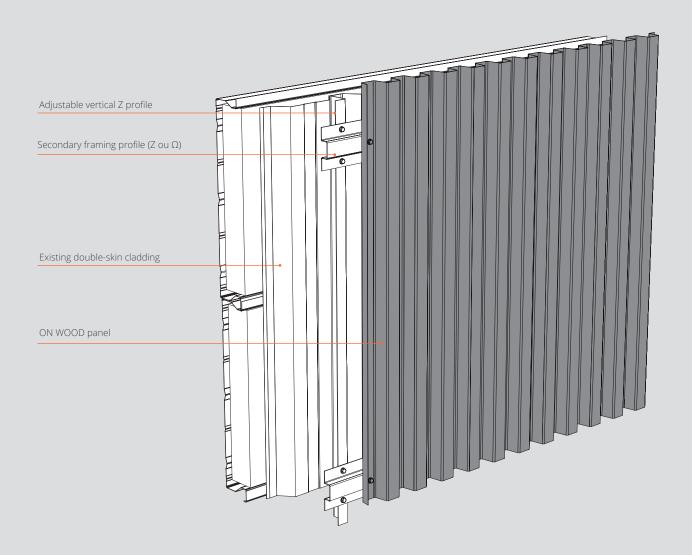
The ON WOOD® range can be used in the construction or renovation of buildings with external wall insulation (EWI), as all the profiles in the range are suitable for this type of installation.

In the case of a timber frame, the frame and its installation must comply with Cahier CSTB 3316.

A ventilated air space must be provided. ON WOOD® cladding complies with RAGE rules and does not require an additional rain screen.



INSTALLATION ON EXISTING DOUBLE-SKIN CLADDING



RENOVATING A BUILDING WITHOUT REMOVING THE EXISTING CLADDING

The ON WOOD® range can be used for renovation projects on existing wall cladding.

The flatness of the support is very important for a quality installation, adjustable framework is recommended.





(INWOOD) FINISHING PROFILES



Beyond the aesthetic quality of its cladding panels, a successful metal facade requires precise and well-designed finishing profiles. ATELIERS 3S takes particular care to offer discreet elements that connect with the styles of the associated cladding.

In these pages, you'll find a selection of models that are fully adaptable to the actual dimensions of your project.

No matter how precise your installation is, finishing profiles will always be custom-made elements. Please don't hesitate to provide us with your exact dimensions and any other installation drawings.

For the finishing profiles in the ON WOOD® range, we recommend 2 types of finish, either in the same wood colour as your cladding, or in NERRO matt black from the ATELIERS 3S catalogue. It's up to you to choose the look you want for your facades.





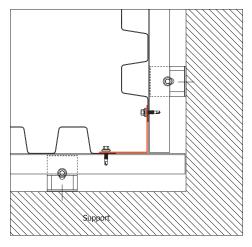
OnWood

INSIDE CORNER

VERTICAL APPLICATION

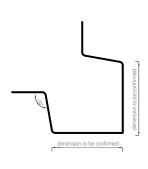




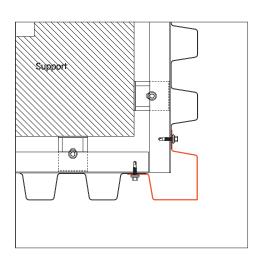


OUTSIDE CORNER

VERTICAL APPLICATION

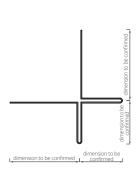




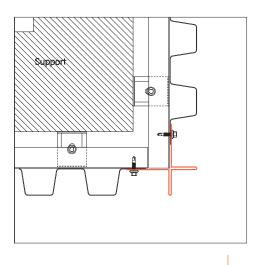


OUTSIDE CORNER

VERTICAL APPLICATION



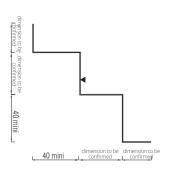




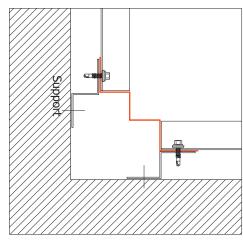


INSIDE CORNER

HORIZONTAL APPLICATION

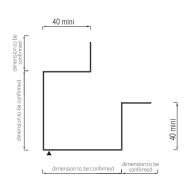


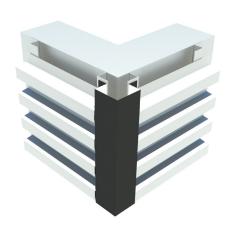


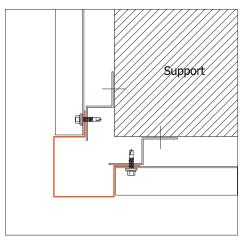


OUTSIDE CORNER

HORIZONTAL APPLICATION

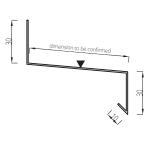




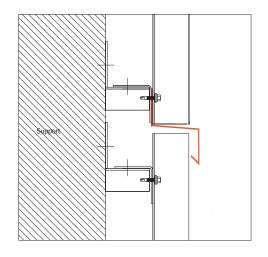


JUNCTION

DRIP EDGE VERTICAL APPLICATION

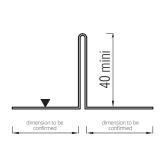




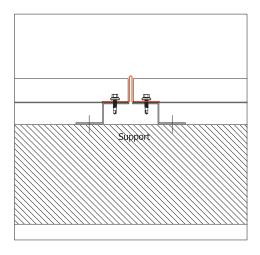


JUNCTION

PIN JOINT HORIZONTAL APPLICATION

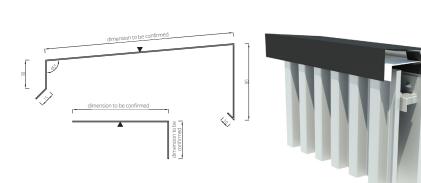


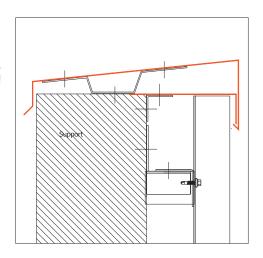






FACADE TOP



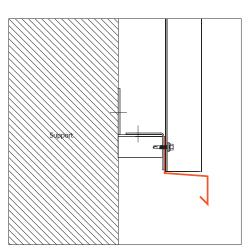


FACADE BOTTOM

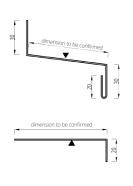
DRIP



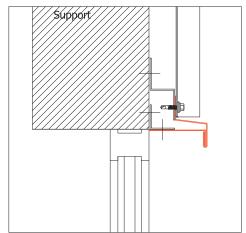




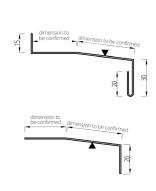
OPENING



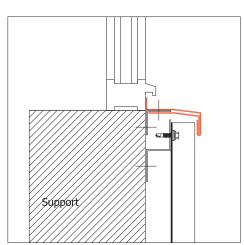




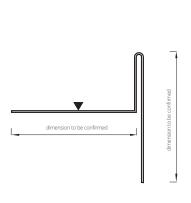
OPENING SILL



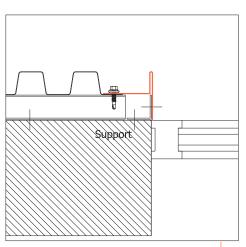




OPENING JAMB







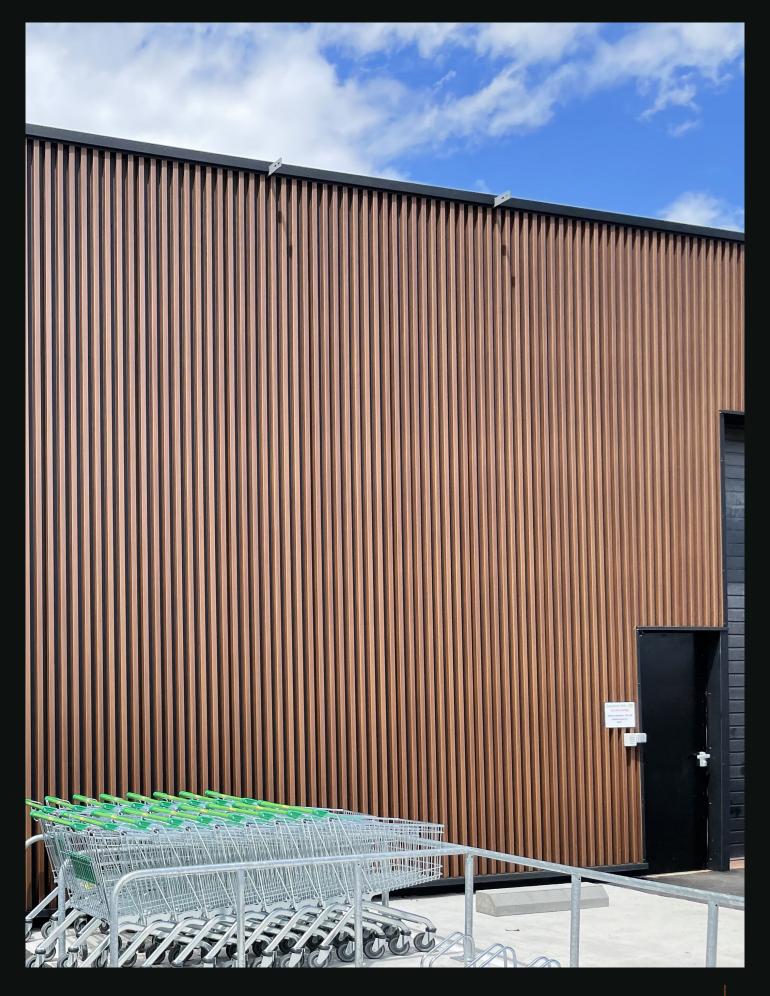
















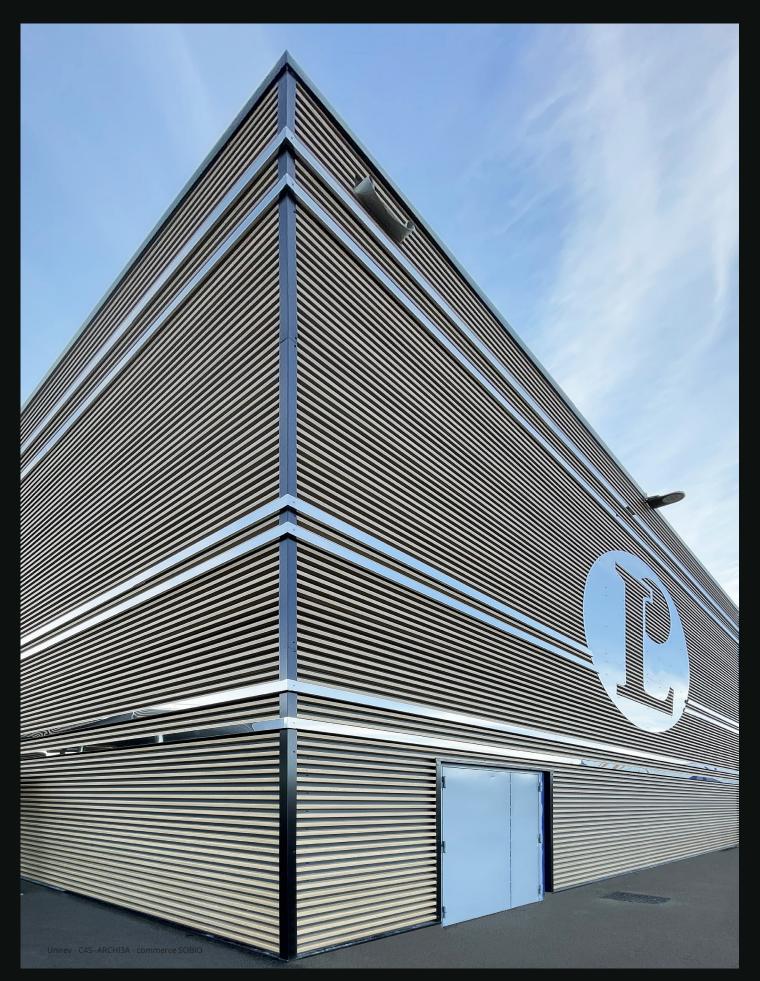


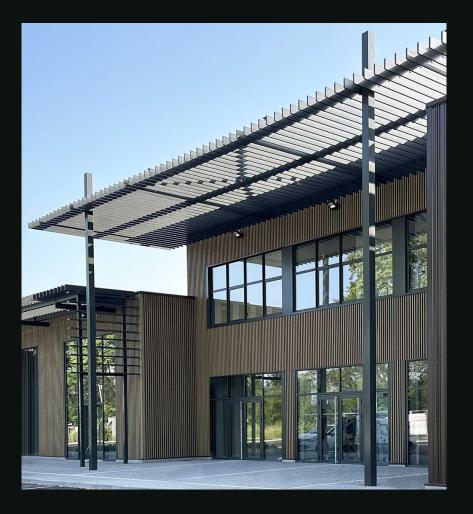


































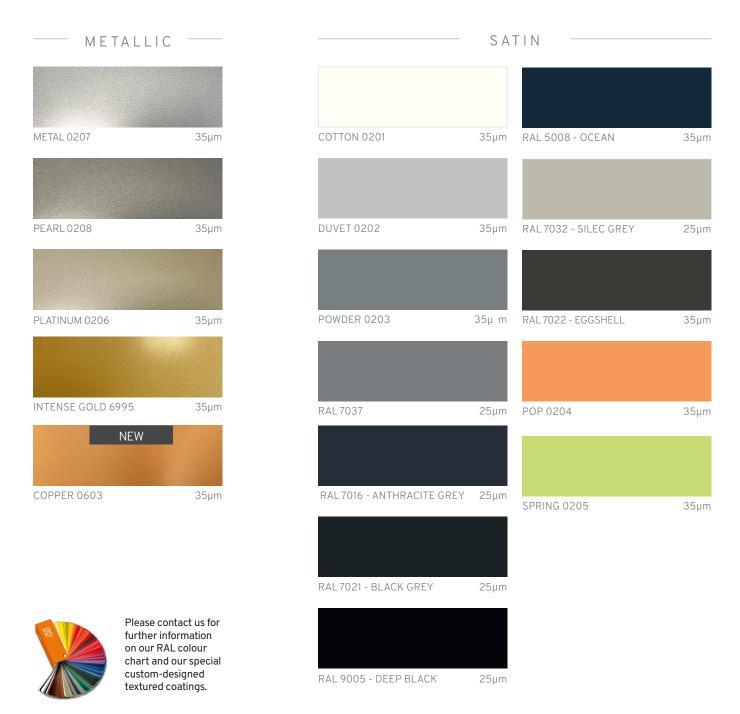




COLOR CHART

Colours and materials used





Colours and materials used

MATERIALS Coatings that are as fabulous as the materials.







35µm

INTENSE GOLD 6995



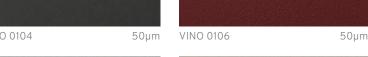




SURFACE GRAIN 0301 Galvanized steel with high-precision grain

ZINC SPIRIT









NEW







True-to-life matte wood texture. Available in all wood finish or with optional black strips "Colorigami® Process"



SILVER TECK (BLACK BANDS) 0409









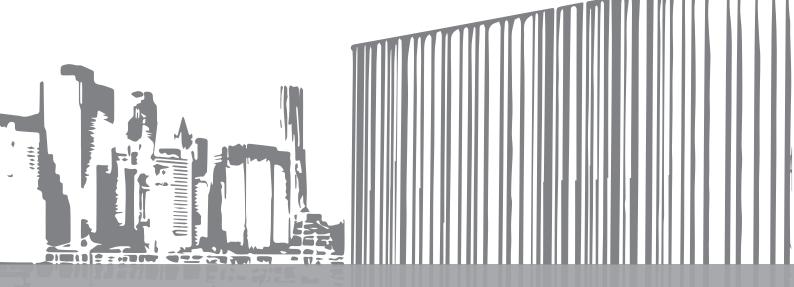














- TECHNICAL DATASHEETS
- INSTALLATION INSTRUCTIONS
- GUIDES TO FINISHING FOLDS
- CCTP (SPECIAL TECHNICAL SPECIFICATIONS)
- FILES DWG, BIM, SKETCHUP
- ETC.

Find us at: www.ateliers3s.com







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