

### THE STEEL RANGE THAT SHOWCASES ITS WOOD OPTICS

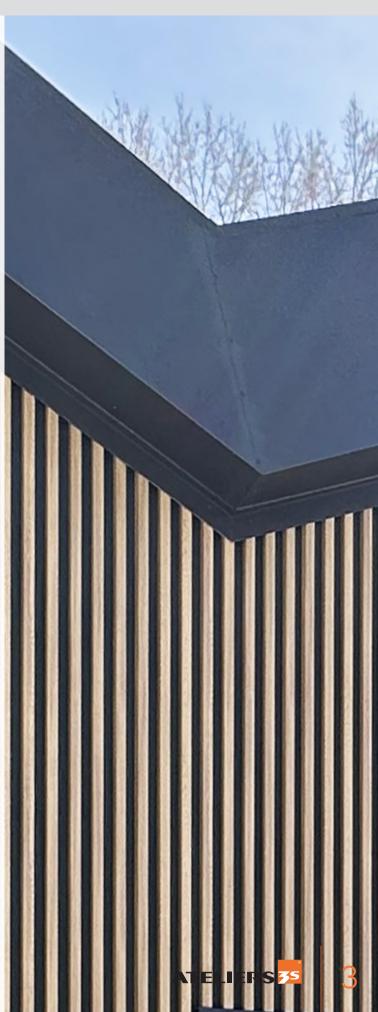




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How is it that the latest company in the field of metal cladding has taken less than 10 years to shape its market?

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

**OF FIRSTS** 

- first to invent a random facade
- first to offer low carbon steel as standard
- first selective lacquering of a pre-painted coil

ATELIERS 35



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





FIRST 1/2 SCALE RANGE

### **CONVOOD**<sup>®</sup> THE STEEL RANGE THAT SHOWCASES ITS WOOD OPTICS

#### 15 varied profiles which reinvent wood

With its horizontal and vertical profiles, the ON WOOD® range revisits and pays tributes to the main uses of wood in facades.

All this while still offering the speed and ease of installation of a metal cladding, guaranteed and maintenance-free.

#### **Colorigami**® process

2-years of research were necessary to create a totally revolutionary coating process.

The paints strips combine with the ribbing to produce hyper-realistic 3D effects.



#### **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

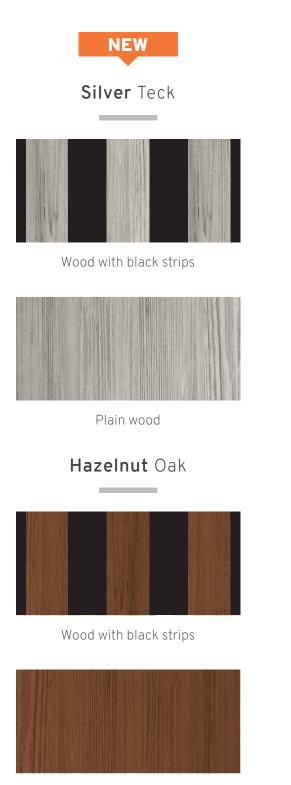
The paints strips combine with the ribbing to produce hyperrealistic 3D effects.

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**



Plain wood

Natural Oak



Wood with black strips



Plain wood

Coffee Oak



Wood with black strips



Plain wood

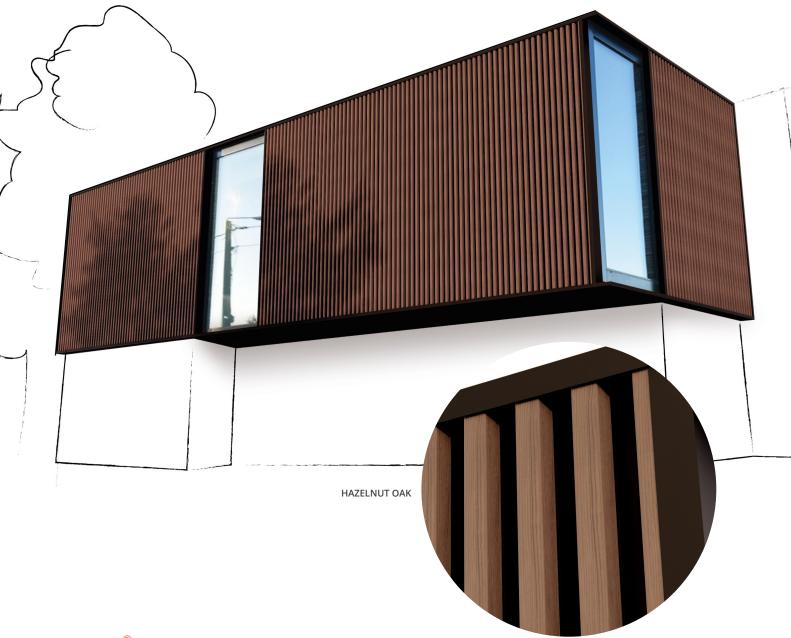


15



### THE PROFILES

#### **BARO 710**



#### **BARO 710<sup>®</sup> 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

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



TRADITIONAL I N S TA L L AT I O N METHOD

Coating	Standard
Polyester 47µ	Coil coating EN 10169

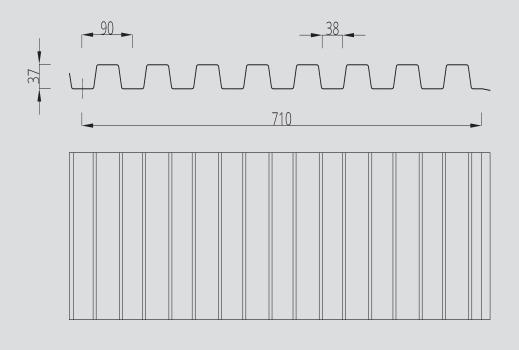
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#### **BARO 710**





WITH BLACK STRIPS

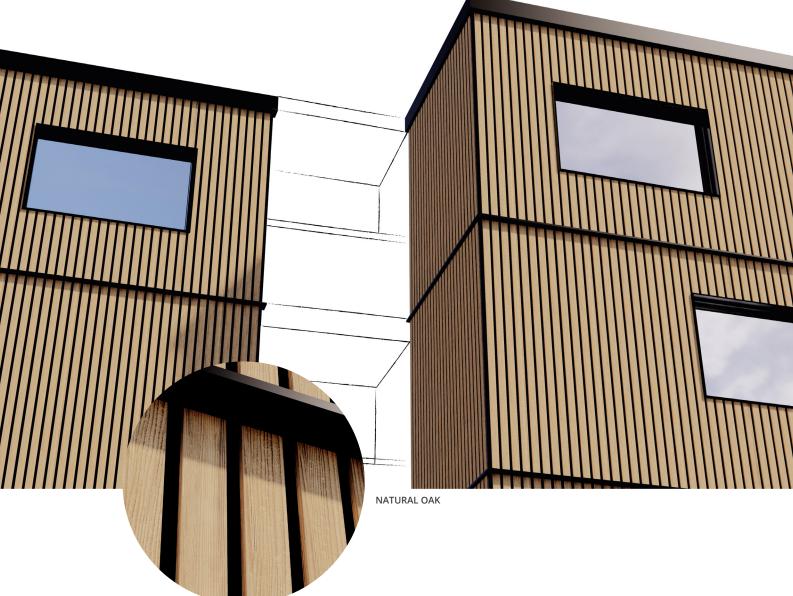


PLAIN WOOD



ATELIERS 55 19

### **PLANCHETTE 800**



#### **PLANCHETTE 800<sup>®</sup> 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



20

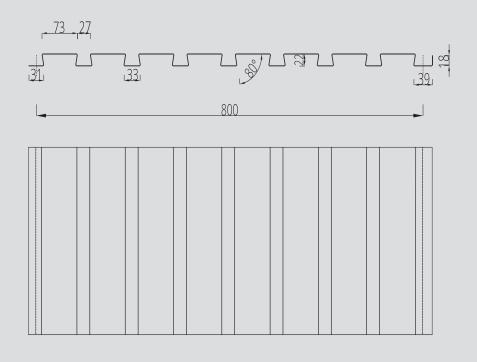
30-YEAR WARRANTY	
FIRE : A1 IMPACT : Q4	

TRADITIONAL INSTALLATION METHOD

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

MADE IN FRANCE

#### **PLANCHETTE 800**





WITH BLACK STRIPS

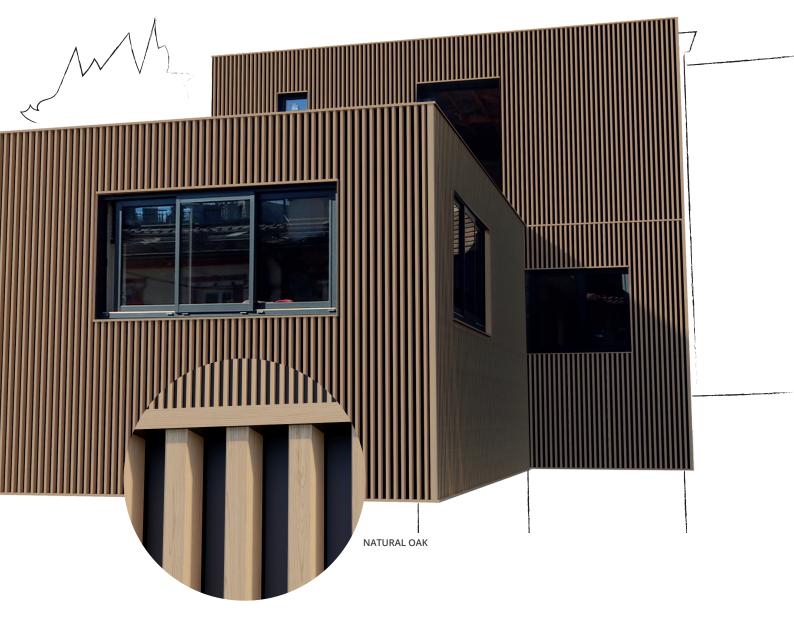


PLAIN WOOD





#### PEIGNE 500



#### **PEIGNE 500<sup>®</sup> PROFILE**

With maximum depth between each of its fine ribs,  ${\tt Peigne~500} \circledast$  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

22

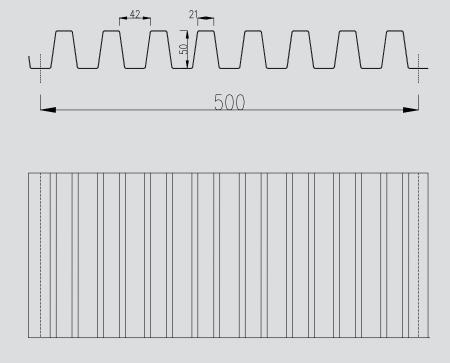
30-YEAR WARRANTY FIRE : A1 IMPACT : Q4

TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE



#### PEIGNE 500

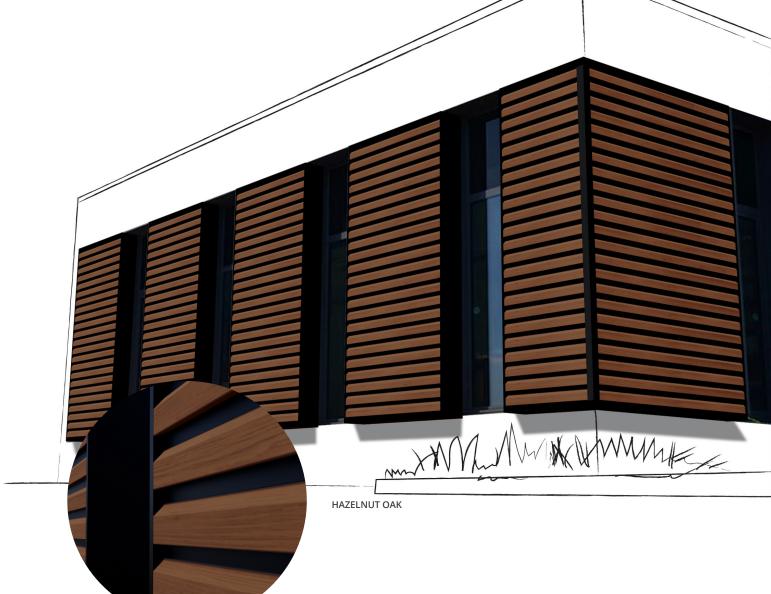




NATURAL OAK PLAIN WOOD WITH BLACK STRIPS



### CLAIREWOA 880



TRADITIONAL

METHOD

#### **CLAIREWOA 880<sup>®</sup> PROFILE**

Naturally horizontal, CLAIREWOA  $880 \ensuremath{\$}$  and its bevelled ribs play a clerestory layout.

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

|--|

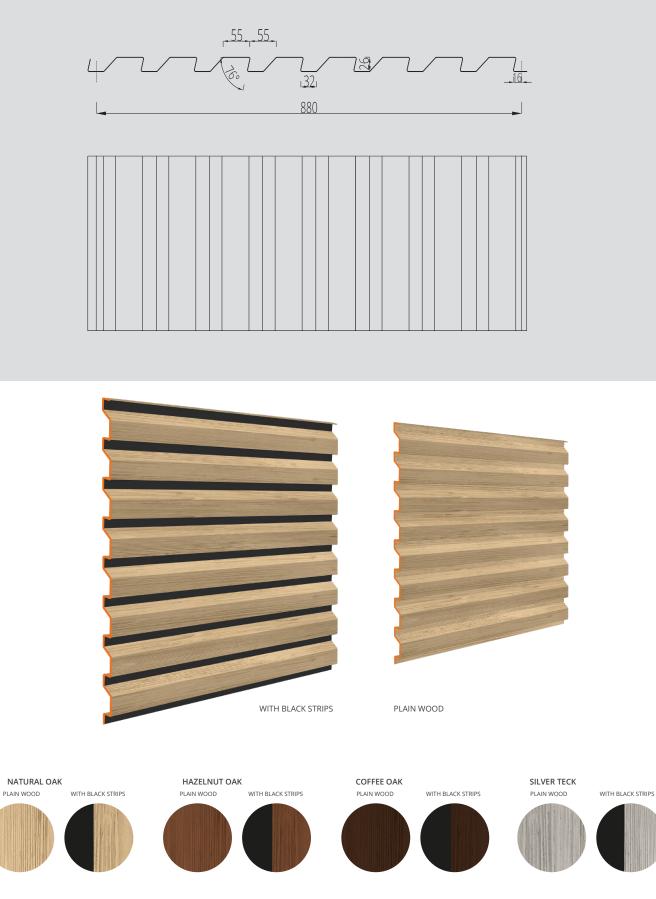
CoatingStandardPolyester 47µCoil coating EN 10169Other coatingUpon request

MADE IN FRANCE





#### **CLAIREWOA 880**



ATELIERS 55 25

#### ALABAMA 1060



#### ALABAMA 1060<sup>®</sup> PROFILE

With its wide plank-like decks, ALABAMA 1060 $\ensuremath{\circledast}$  is inspired by the style of the traditional American home.

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

REGISTERED PATENT AND DESIGNS	

30-YEAR WARRANTY FIRE : A1 IMPACT : Q4

TRADITIONAL INSTALLATION METHOD

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

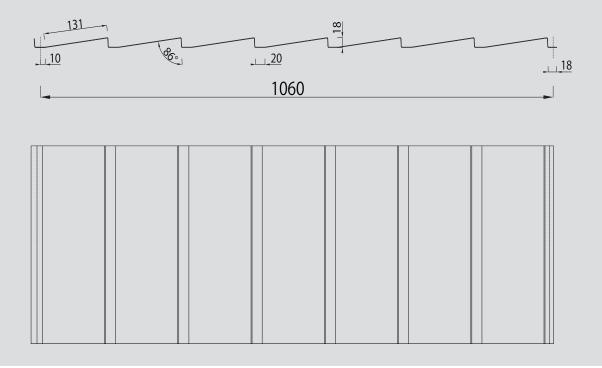
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THE PROFILES **ONWOOD** 

#### ALABAMA 1060





NATURAL OAK



HAZELNUT OAK

COFFEE OAK PLAIN WOOD SILVER TECK





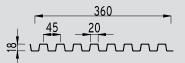




#### **BARO MINI** 360







#### **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

28

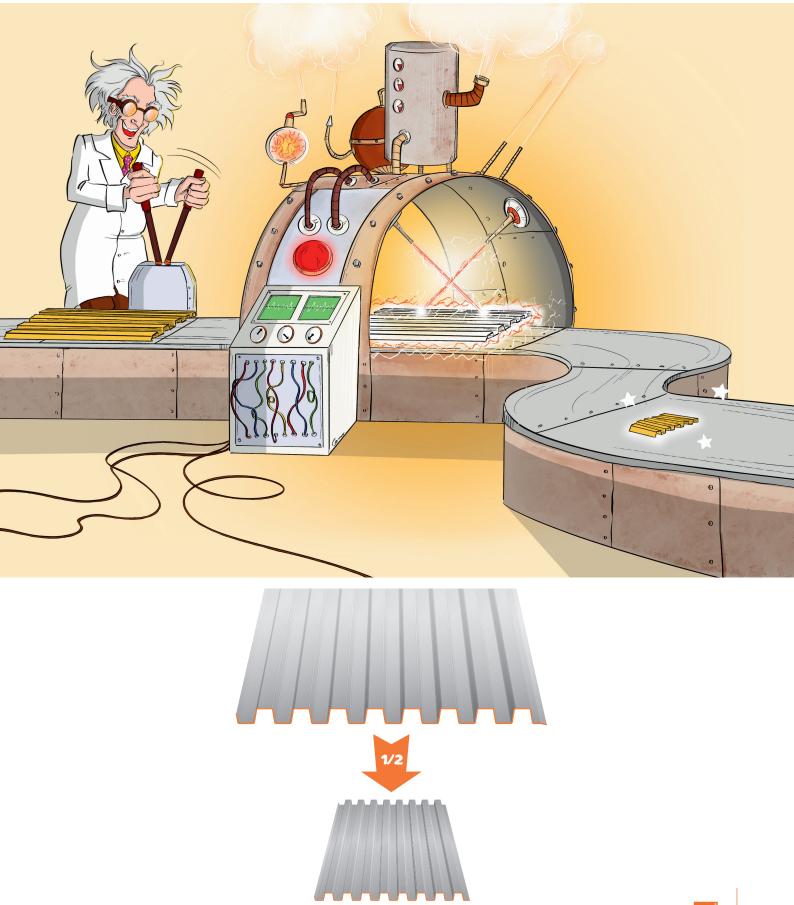
30-YEAR WARRANTY FIRE : A1 IMPACT : Q4

TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE



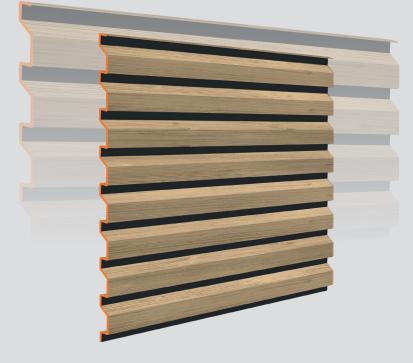
#### OUR ICONIC CLADDING SOLUTIONS IN OUR **Mini**<sup>®</sup> SIGNATURE



ATELIERS **55** 29

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

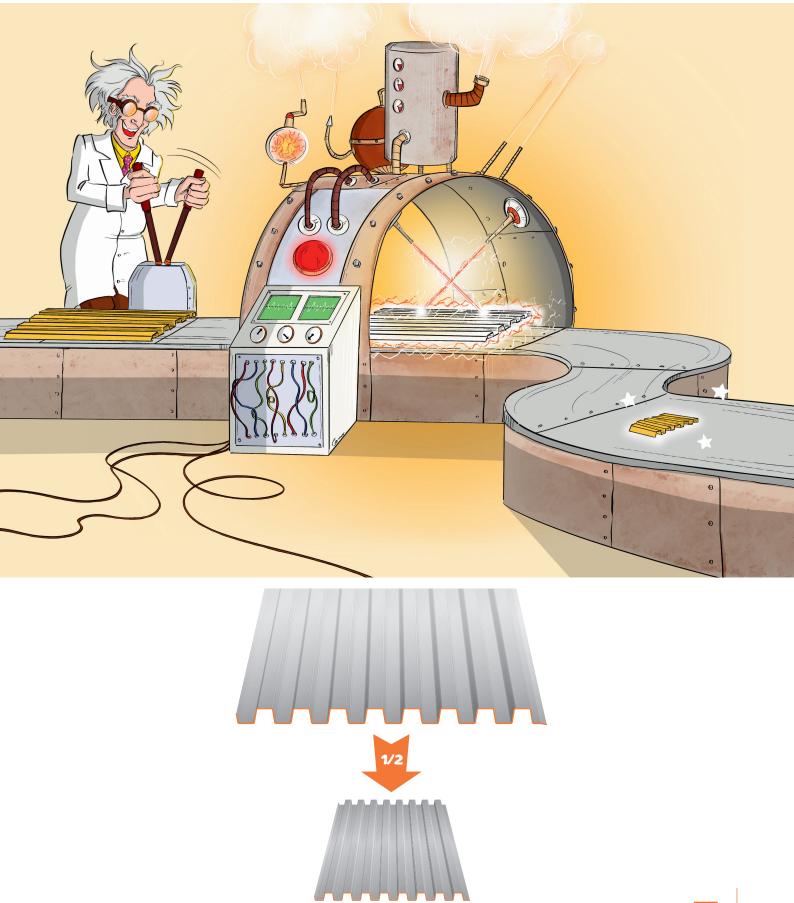
30-YEAR WARRANTY FIRE : A1 IMPACT : Q4

TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE



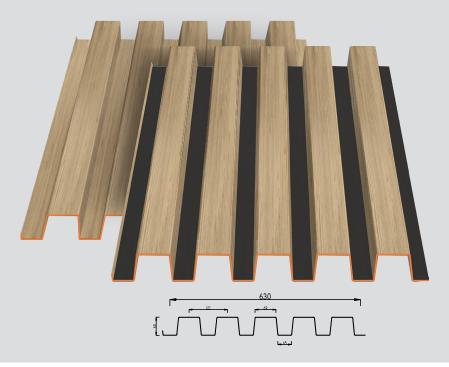
#### OUR ICONIC CLADDING SOLUTIONS IN OUR **Mini**<sup>®</sup> SIGNATURE



#### **BARO <b>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

32

30-YEAR WARRANTY FIRE : A1 IMPACT : Q4

TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

### THE PROFILES **ONWOOD**

### THE COLLECTION THAT THINKS **BIG**

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.

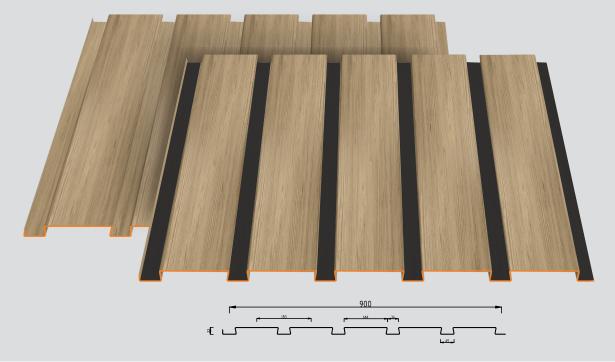




#### PLANCHE MAXI 900



**XXL VERSION OF IMITATION WOOD FACADES** 



#### PLANCHE MAXI 900 PROFILE

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

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

Profile Height: 22 mm Panel Length : 6000mm maximum

REGISTERED PATENT AND DESIGNS

34

30-YEAR WARRANTY FIRE : A1 IMPACT : Q4

TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

THE PROFILES **ONVOOL** 

### THE COLLECTION THAT THINKS **BIG**

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.

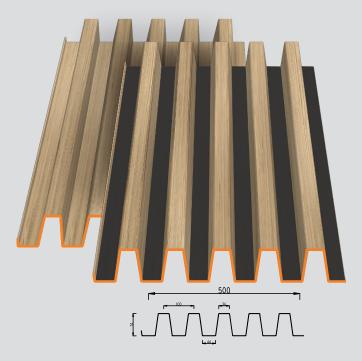




#### PEIGNE MAXI 500



**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

36

30-YEAR WARRANTY FIRE : A1 IMPACT : Q4

TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

THE PROFILES **ONVOOL** 

# THE COLLECTION THAT THINKS **BIG**

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.

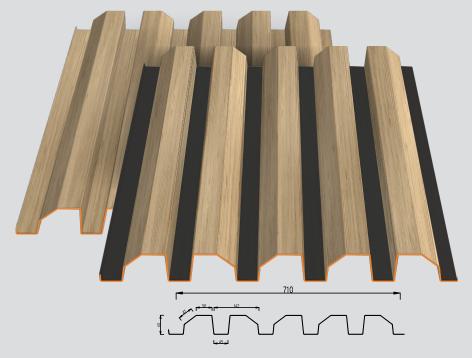




# CHANFREIN MAXI 710



**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

38

30-YEAR WARRANTY FIRE : A1 IMPACT : Q4

TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

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THE PROFILES **ONVOOL** 

# THE COLLECTION THAT THINKS **BIG**

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.





# 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



40

30-YEAR WARRANTY FIRE : A1 IMPACT : Q4

TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

DWG, BIM, SKETCHUP FILES TO DOWNLOAD ON OUR WEBSITE

THE PROFILES **ONVOOL** 

# THE COLLECTION THAT THINKS **BIG**

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



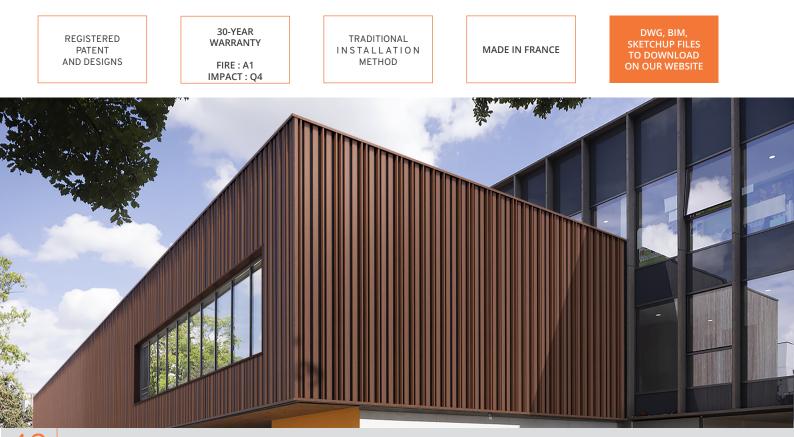


# PLAY THE CONSTRUCTION GAME WITH **ONWOOD**

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.

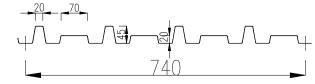


# THE PROFILES **ONWOOD**

#### ONWOOD BÛCHETTE B1® [740]



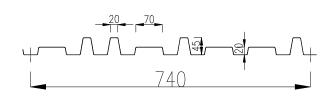




Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	9.7

ONWOOD BÛCHETTE B2<sup>®</sup> [740]



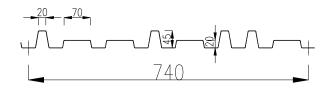


Material	Thickness (mm) Weight (kg/	
Steel S280 GD + Z275	0.75	9.7

ONWOOD BÛCHETTE B3<sup>®</sup> [740]



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



Material	Thickness (mm) Weight (kg	
Steel S280 GD + Z275	0.75	9.7





# **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 LAN-DAISE 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.





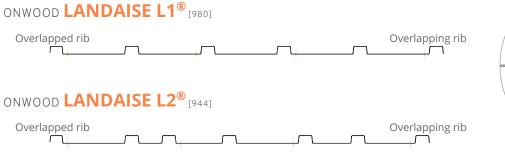
# THE PROFILES **ONWOOD**

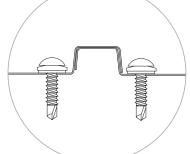


Fix the panels with precision, respect the rhythm of the ribs and coexist in the overall vision, the mission of the screws of the LANDAISE series is essential.

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.





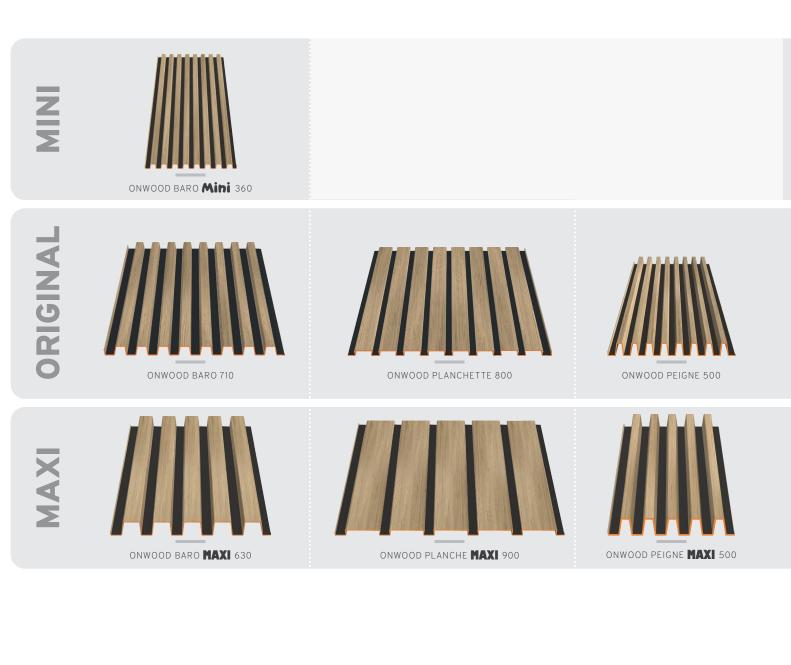
Overlapping detail



45

# **ONWOOD** THE PROFILES

# RANGE PANORAMA (DNWOOD)



# THE PROFILES **ONWOOD**



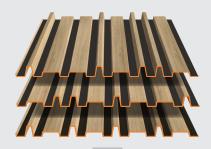
#### ONWOOD CLAIREWOA Mini 440



ONWOOD CLAIREWOA 880



ONWOOD ALABAMA 1060



ONWOOD BUCHETTE









# SPAN TABLES

## **BARO 710<sup>®</sup> LOAD CAPACITIES**

#### SPAN TABLES IN DAN/M<sup>2</sup>, 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

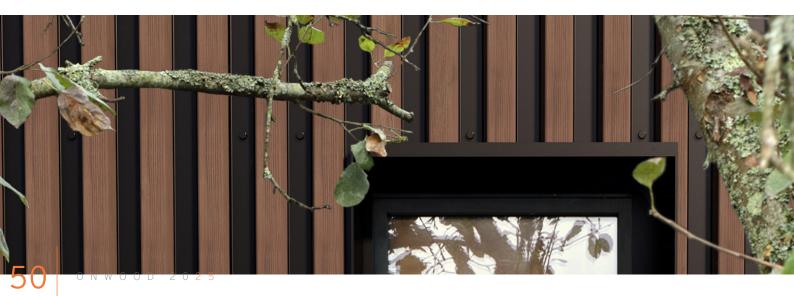
PRES	SURE		SUC.	ΓΙΟΝ
2 supports	3 supports	Span (m)	2 supports	3 supports
0.75	0.75		0.75	0.75
1790	1206	1,00	1789	1206
1243	914	1,20	1242	914
913	718	1,40	913	718
672	580	1,60	675	580
474	479	1,80	476	479
346	402	2,00	348	402
261	343	2,20	262	343
201	296	2,40	202	296
159	258	2,60	159	258
127	227	2,80	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<sup>®</sup> LOAD CAPACITIES

#### SPAN TABLES IN DAN/M<sup>2</sup>, 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	(man (m)	SUCTION	
2 supports	3 supports	Span (m)	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<sup>®</sup> LOAD CAPACITIES**

#### SPAN TABLES IN DAN/M<sup>2</sup>, 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
0.63	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/M<sup>2</sup>, 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	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<sup>®</sup> LOAD CAPACITIES

#### SPAN TABLES IN DAN/M<sup>2</sup>, 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	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<sup>®</sup> LOAD CAPACITIES**

#### SPAN TABLES IN DAN/M<sup>2</sup>, 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			SUCTION		
2 supports	3 supports	Span (m)	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



# **ONWOOD** SPAN TABLES

## **BARO MINI** 360





## LOAD CAPACITIES

SPAN TABLES IN DAN/M<sup>2</sup>, 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	Span (m)	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/M<sup>2</sup>, 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 (III)	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/M<sup>2</sup>, 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	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.

# SPAN TABLES ONWOOD



## LOAD CAPACITIES

SPAN TABLES IN DAN/M<sup>2</sup>, 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		Spap (m)	SUCTION			
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 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

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/M<sup>2</sup>, 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	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.

# SPAN TABLES **ONWOOD**

# CHANFREIN MAXI 710



## LOAD CAPACITIES

SPAN TABLES IN DAN/M<sup>2</sup>, 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		Spap (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 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

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/M<sup>2</sup>, 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		Spap (m)	SUCTION			
2 supports	3 supports	4 supp. &+	Span (m)	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 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

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.

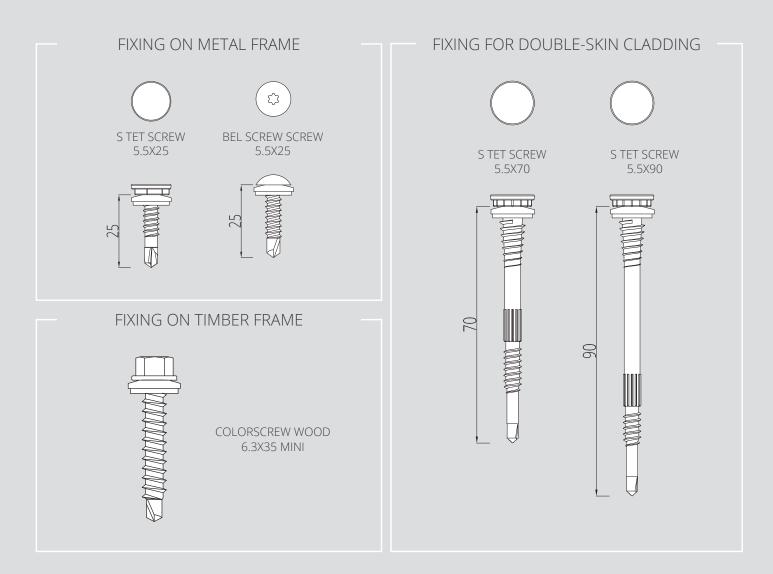




# INSTALLATION

#### **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.

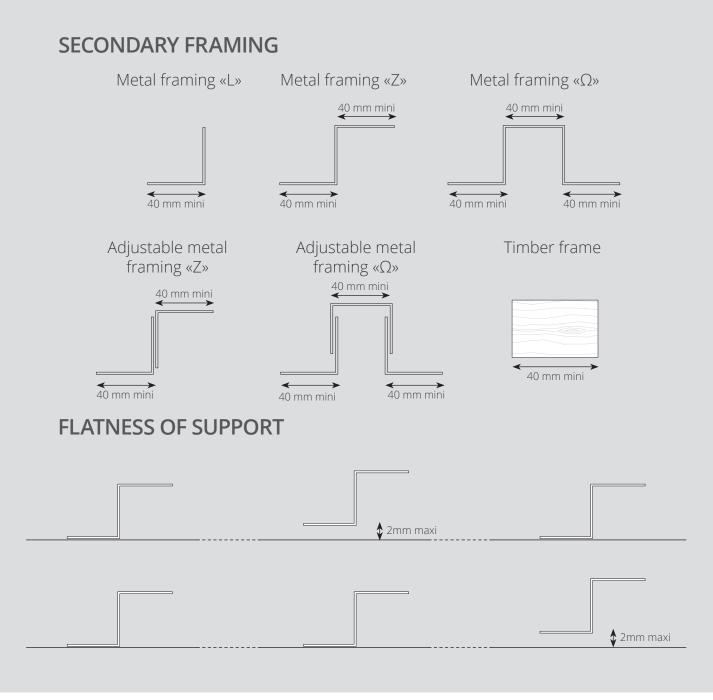


S TET HEADS are screwed using a specific tool, available from ATELIERS 3S.

66

INSTALLATION

OnWood



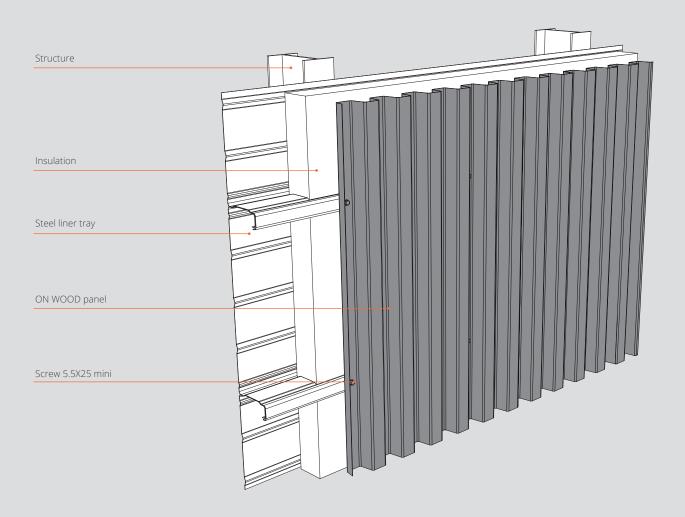
The secondary framing elements must be sized by the installation company. Metal framing should be at least 1.5mm thick.

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.** 

ATELIERS 55 67

## 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.

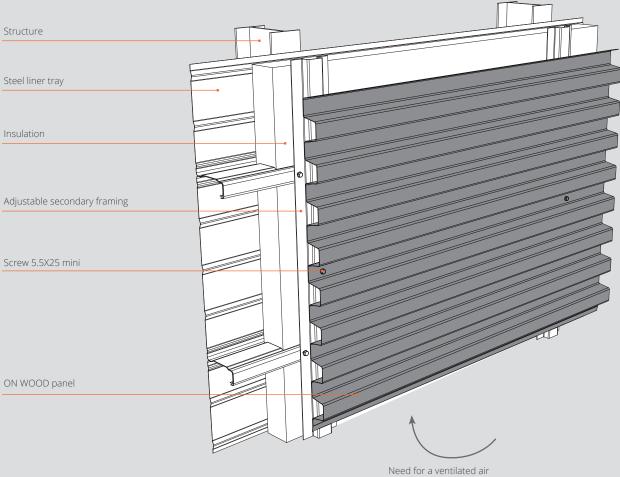
The sheets should be fixed in accordance with RAGE recommendations, using the appropriate screws and bolts according to the type of building. The layout must take into account the maximum length of the sheets: 6000mm (13000mm for BARO 710). Specific finishing elements must be provided, examples in the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

CAUTION : PLANCHETTE 800® can only be installed vertically.

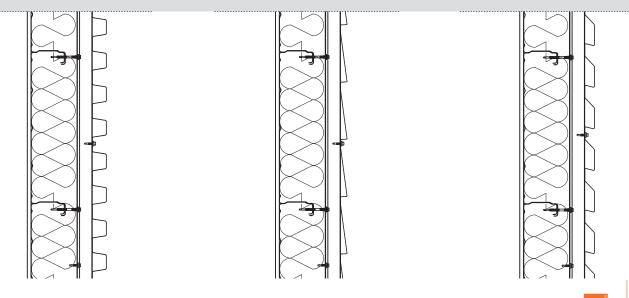
Regular cleaning of the cladding with water should be carried out to avoid the accumulation of dust on horizontally laid cladding.

ONWOOD

## DOUBLE-SKIN INSTALLATION / HORIZONTAL APPLICATION

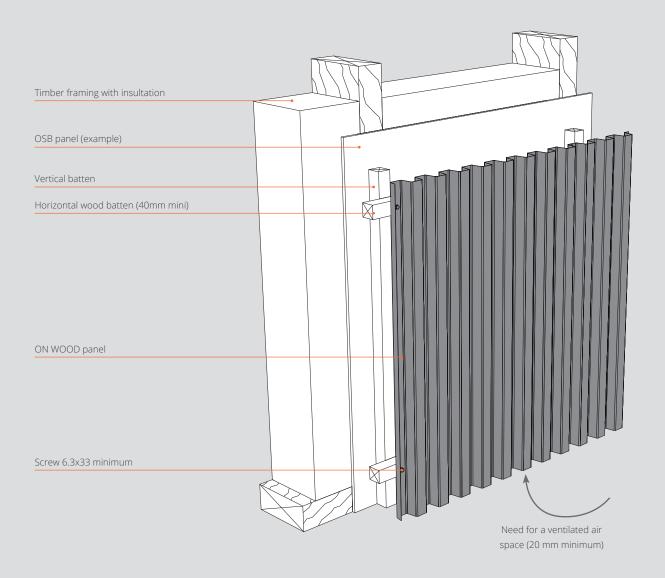


space (20 mm minimum)



ATELIERS 75

## TIMBER-FRAMED WALLS / VERTICAL APPLICATION



#### TIMBER-FRAMED WALLS

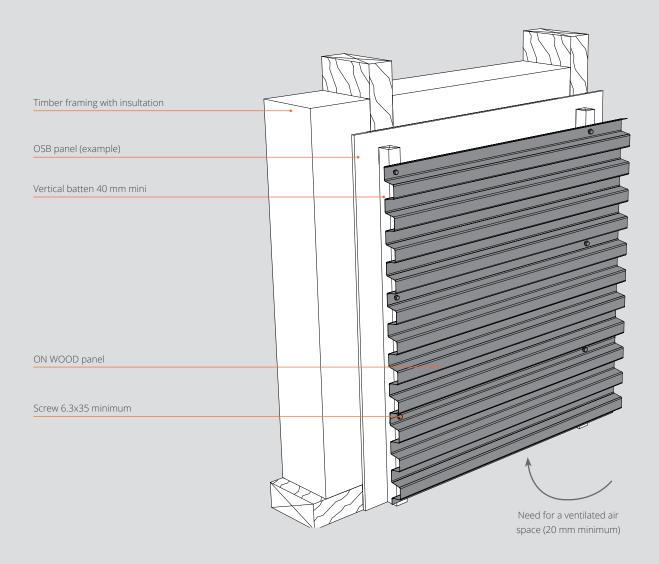
The framework and its installation must comply with Cahier CSTB 3316.

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.

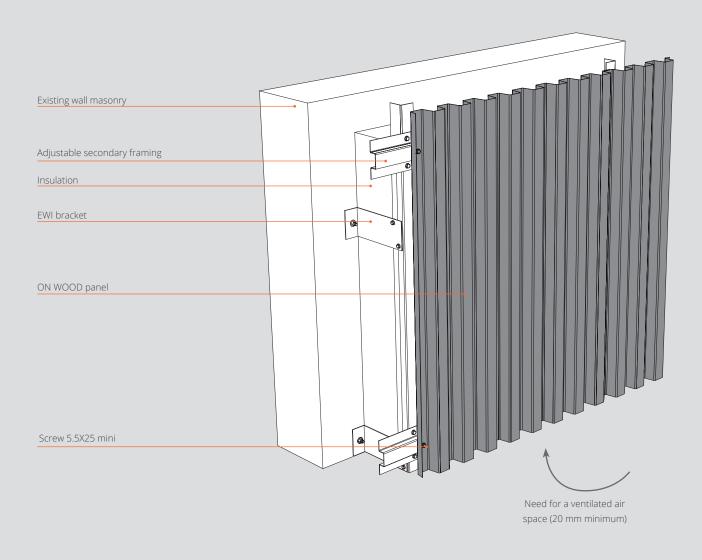
ON WOOD® cladding complies with RAGE rules and does not require an additional rain screen.

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.

ATELIERS 🗾 71

# **ONWOOD** INSTALLATION

## EXTERNAL WALL INSULATION (EWI) VERTICAL APPLICATION



#### EXTERNAL WALL INSULATION RENOVATION

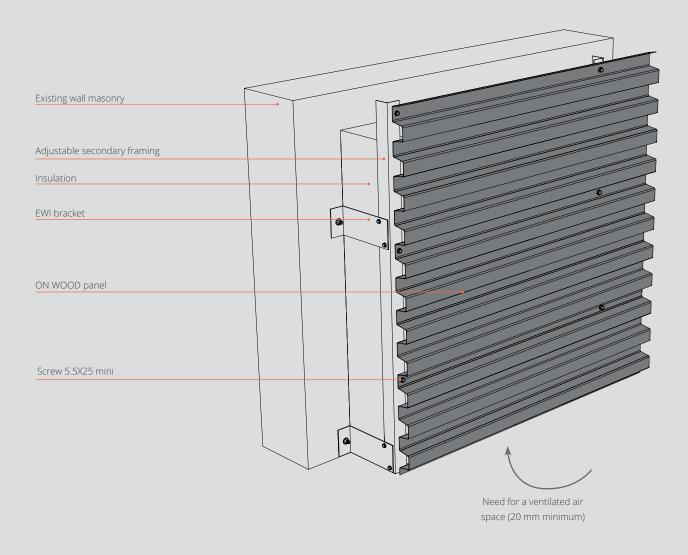
The ON WOOD® range can be used in the construction or renovation of buildings with external wall insulation (EWI), as all the profiles in the range are suitable for this type of installation.

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.

**OnWood** 

### EXTERNAL WALL INSULATION (EWI) HORIZONTAL APPLICATION



#### EXTERNAL WALL INSULATION RENOVATION

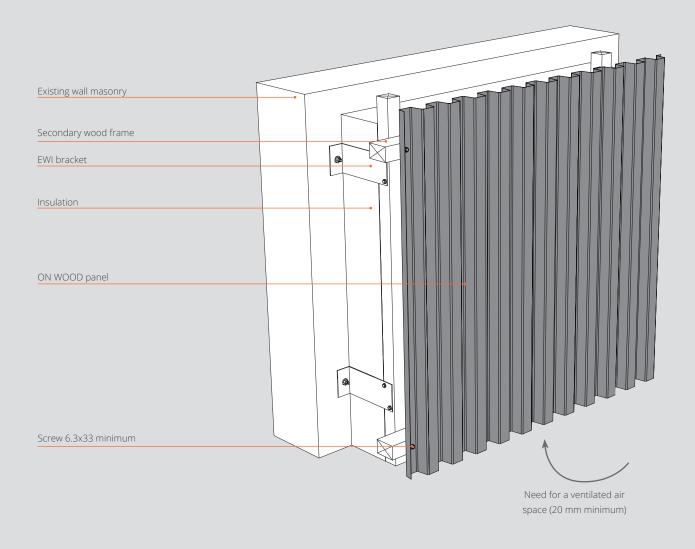
The ON WOOD® range can be used in the construction or renovation of buildings with external wall insulation (EWI), as all the profiles in the range are suitable for this type of installation.

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.

ATELIERS 55 73

### EXTERNAL WALL INSULATION (EWI) TIMBER FRAME VERTICAL APPLICATION



#### EWI / SECONDARY WOOD FRAME

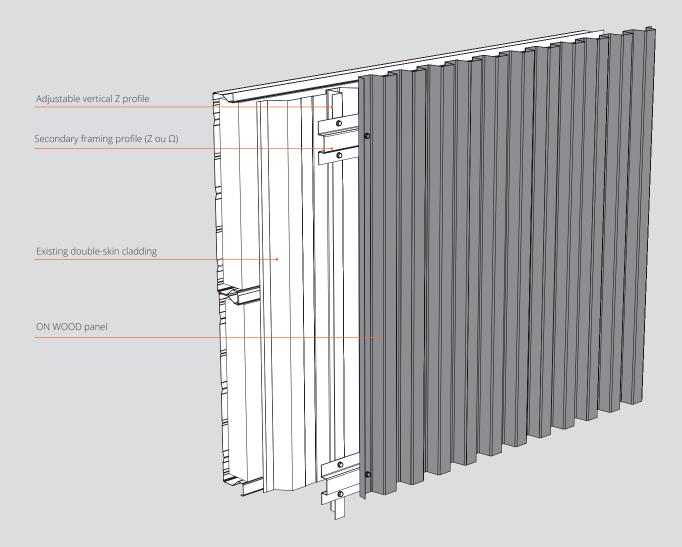
The ON WOOD® range can be used in the construction or renovation of buildings with external wall insulation (EWI), as all the profiles in the range are suitable for this type of installation.

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.

**OnWood** 

### 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.



### FINISHING PROFILES

## **ONWOOD** 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.

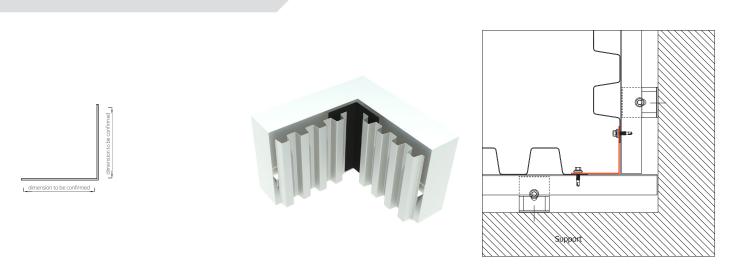
For the finishing profiles in the ON WOOD® range, we recommend 2 types of finish, either in the same wood colour as your cladding, or in NERRO matt black from the ATELIERS 3S catalogue. It's up to you to choose the look you want for your facades.



### FINISHING PROFILES

### OnWood

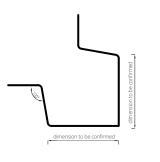
#### VERTICAL APPLICATION



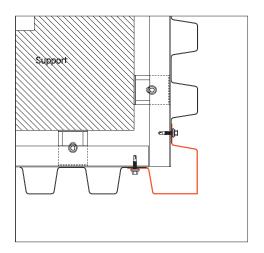
**OUTSIDE CORNER** 

**INSIDE CORNER** 

VERTICAL APPLICATION





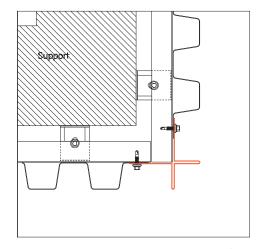


### **OUTSIDE CORNER**

VERTICAL APPLICATION



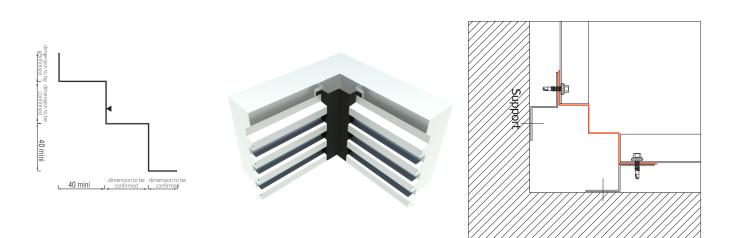






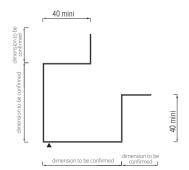
**INSIDE CORNER** 

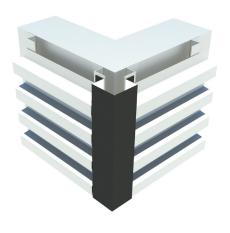
HORIZONTAL APPLICATION

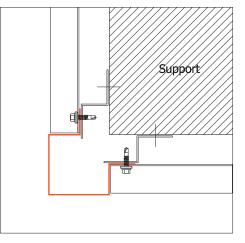


**OUTSIDE CORNER** 

HORIZONTAL APPLICATION





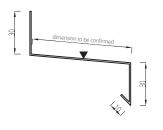


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### OnWood

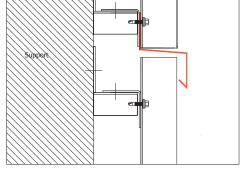
#### FINISHING PROFILES

DRIP EDGE VERTICAL APPLICATION



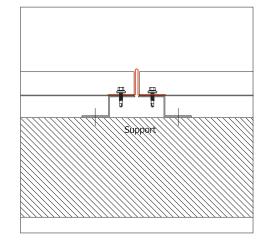
JUNCTION



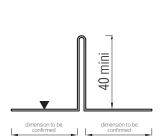


PIN JOINT

HORIZONTAL APPLICATION







JUNCTION

### **ONWOOD** FINISHING PROFILES

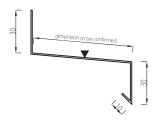
### FACADE TOP

COPING

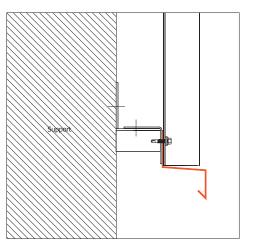


FACADE BOTTOM

DRIP





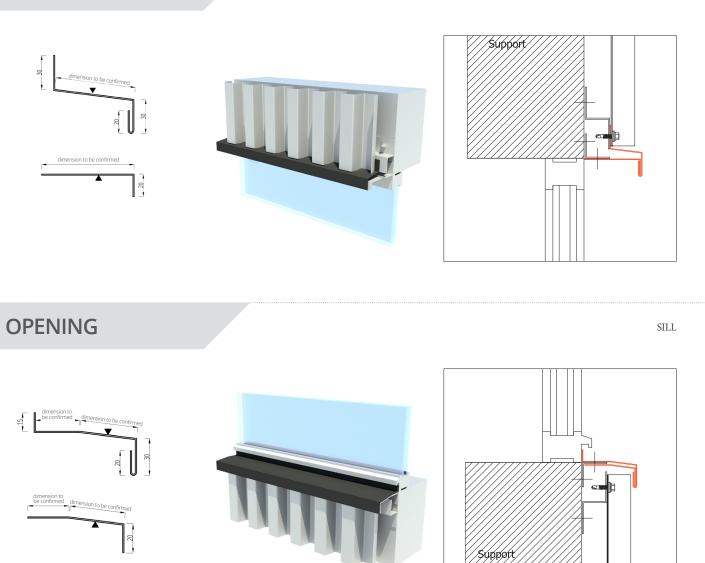


### FINISHING PROFILES



### **OPENING**

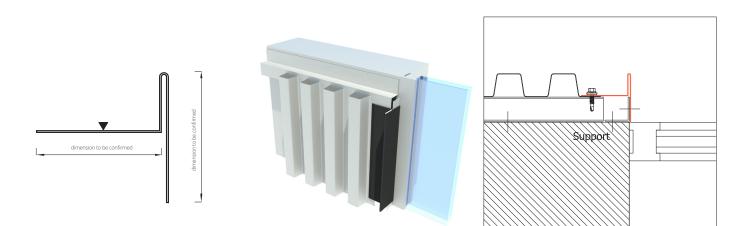
LINTEL



### **OPENING**

JAMB

Support





# **ONWOOD** PROJECTS GALLERY





# OnWood



# **ONWOOD** PROJECTS GALLERY









# **ONWOOD** PROJECTS GALLERY







# OnWood



# **ONWOOD** PROJECTS GALLERY



# OnWood







# **ONWOOD** PROJECTS GALLERY







# OnWood

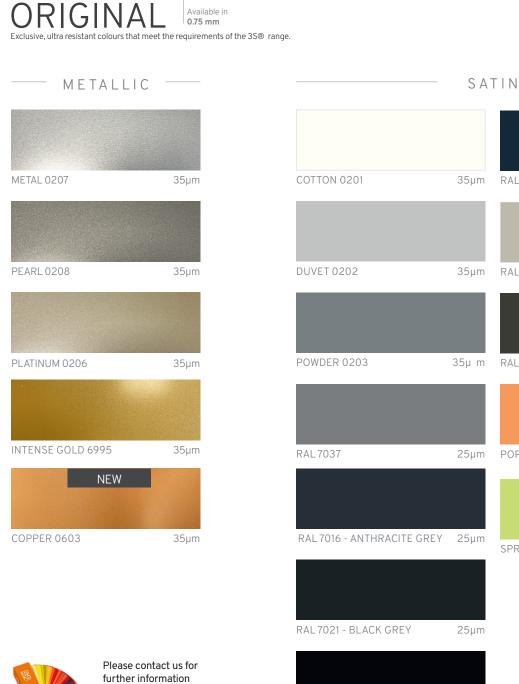






### COLOR CHART

### Colours and materials used



RAL 9005 - DEEP BLACK

25µm

ATTN

 35µm
 RAL 5008 - OCEAN
 35µm

 35µm
 RAL 7032 - SILEC GREY
 25µm

 35µ m
 RAL 7032 - SILEC GREY
 25µm

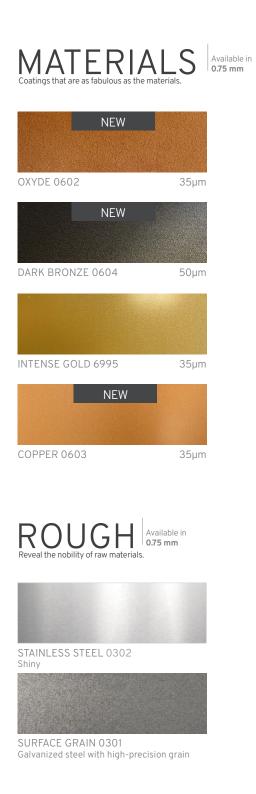
 25µm
 POP 0204
 35µm

 25µm
 SPRING 0205
 35µm

on our RAL colour chart and our special custom-designed

textured coatings.

### Colours and materials used





		NEW	
NERRO 0104	50µm	VINO 0106	50µm
GALEO 0103	50µm	VOLCANO 0101	50µm
		NEW	
AZURO 0102	50µm	BIANCO 0105	50µm

#### Available in 0.75 mm True-to-life matte wood texture. Available in all wood finish or with

optional black strips "Colorigami® Process".

NEW	NEW
SILVER TECK (BLACK BANDS) 0409 47µn	n SILVER TECK (ALL WOOD) 0408 47µm
Also available in0.63 mm	NATURAL OAK (ALL WOOD) 0403 47µm
AND BY AND E 110.00 11111 0426 (MAX)	
HAZELNUT OAK (BLACK BANDS) 0405 47µn	$HAZELNUTOAK_{(\texttt{ALL}\texttt{WOOD})0402}\qquad 47\mum$
COFFEE OAK (BLACK BANDS) 0407 47µn	COFFEE OAK (ALL WOOD) 0404 47µm

ATELIERS





 $\mathbf{O}$ 

- 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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### groupe **FIMAVI**





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