

ON WOOD RANGE

BARO 710

ONWOOD®

REGISTERED
DESIGNS

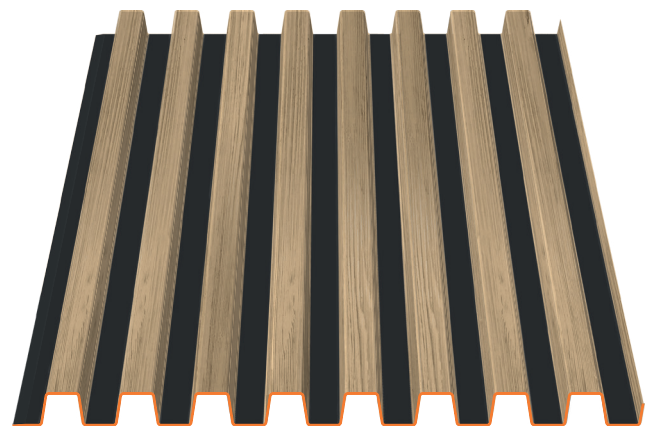
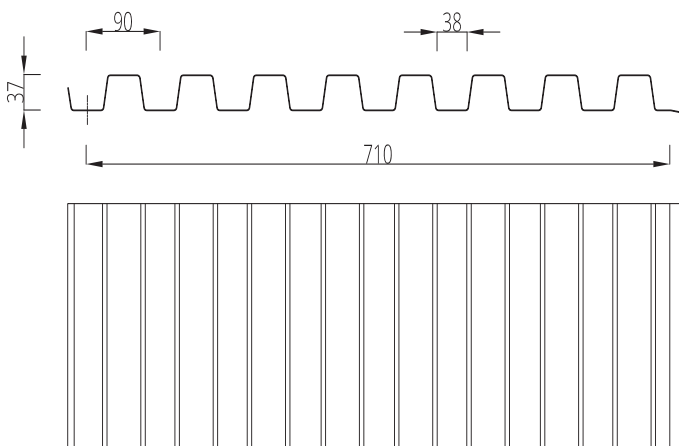
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE



BARO® 710 PROFILE

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.75	10.12

Coating	Standard
Polyester 47μ	Coil coating EN 10169

Length of panels : 13000 mm maximum
Vertical or horizontal installation

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

ON WOOD RANGE

SPAN TABLE

BARO® 710 PROFILE

TABLE OF ALLOWABLE LOADS IN daN/m² BASED ON USAGE SPANS

Deflection limit criterion taken into account : 1/150th according to professional recommendations (RAGE) under wind load calculated according to EN 1991-1-4

PRESSURE		Span (m)	SUCTION	
2 supports	3 supports		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



Calculations according to Eurocode III Part 1.3

CALCULATION VALUES			SYMBOL	UNITS	THICKNESS (mm)
					0.75
PRESSURE	Moment of inertia	Minimum	$I_{eff, min}$	cm ⁴ / ml	25.3
		Maximum	$I_{eff, max}$	cm ⁴ / ml	26.4
	Resistant bending moments	at span	$M_{t, Rd}$	m.daN/ml	335.5
		at support	$M_{a, Rd}$	m.daN/ml	335.4
	Resistant shear force		$V_{b, Rd}$	daN/ml	9625.7
Resistant support reaction	at edge	$R_{w, Rd, ex}$	daN/ml	1672.9	
	intermediate	$R_{w, Rd, in}$	daN/ml	3345.9	
SUCTION	Moment of inertia	minimum	$I'_{eff, min}$	cm ⁴ / ml	25.5
		maximum	$I'_{eff, max}$	cm ⁴ / ml	26.4
	Resistant bending moments	at span	$M'_{t, Rd}$	m.daN/ml	335.4
		at support	$M'_{a, Rd}$	m.daN/ml	335.5
	Resistant shear force		$V'_{b, Rd}$	daN/ml	9625.7

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

ON WOOD RANGE PLANCHETTE 800

ON WOOD®

REGISTERED
DESIGNS

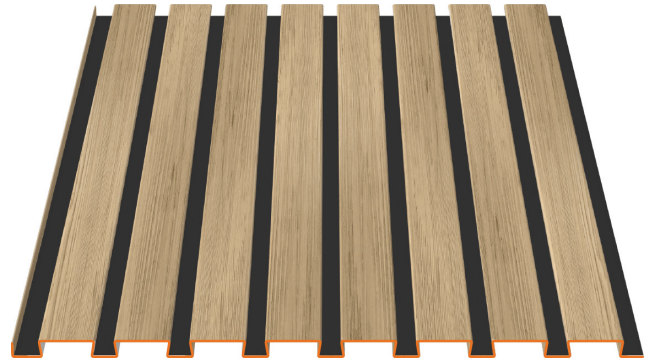
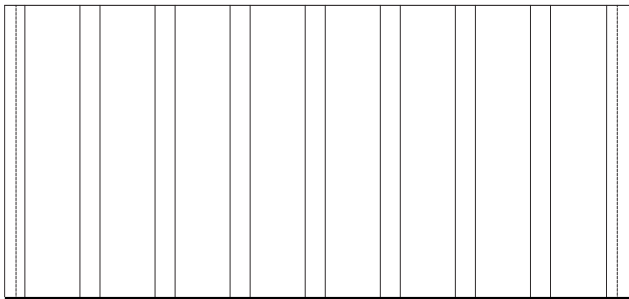
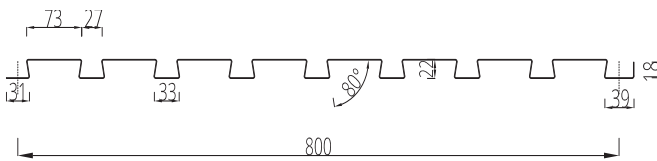
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE



PLANCHETTE® 800 PROFILE

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.75	8.98

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

Length of panels : 6000 mm maximum
Vertical installation

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

ON WOOD RANGE SPAN TABLE

PLANCHETTE® 800 PROFILE

TABLE OF ALLOWABLE LOADS IN daN/m² BASED ON USAGE SPANS

Deflection limit criterion taken into account : 1/150th according to professional recommendations (RAGE) under wind load calculated according to EN 1991-1-4

PRESSURE		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 standard NF P 34-503 and interpretation according to annexes E and N of professional recommendations-RAGE

DESIGN VALUES			SYMBOL	THICKNESS (mm)
				0.75
PRESSURE	Moments of inertia (cm ⁴ /ml)	Simple span	I ₂	12.23
		2 spans	I ₃	10.28
		Continuous	I _m	11.26
	Bending moments (daN-m/ml)	Elastic-plastic span	M _{2T}	246.18
		Over support	M _{3A}	211.49
		Elastic-plastic span	M _{3T}	253.52
Support reaction under pressure (daN/ml)			R _a	868.64
SUCTION	Moments of inertia (cm ⁴ /ml)	Simple span	I' ₂	9.30
		2 spans	I' ₃	8.91
		Continuous	I' _m	9.11
	Moments de flexion (daN-m/ml)	Elastic-plastic span	M' _{2T}	192.06
		Over support	M' _{3A}	153.08
		Elastic-plastic span	M' _{3T}	235.29
Support reaction under depression (daN/ml)			S _a	463.18

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

ON WOOD RANGE

PEIGNE 500®

ON WOOD®

REGISTERED
DESIGNS

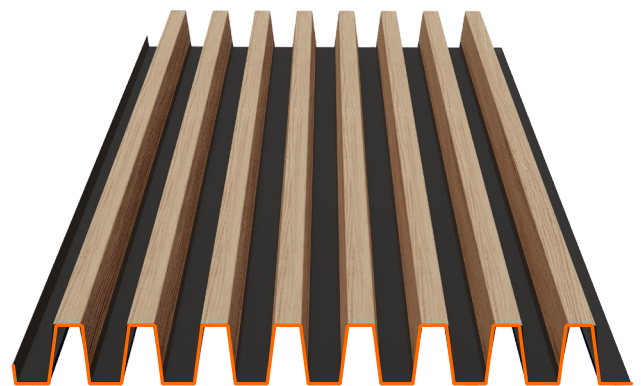
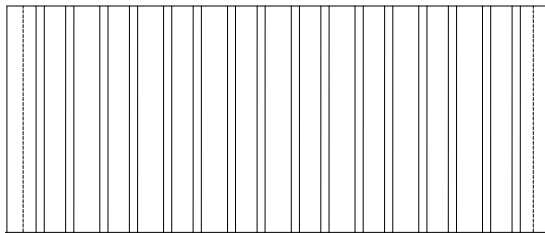
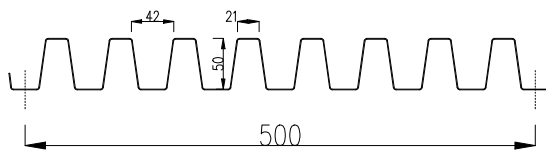
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE



PEIGNE 500® PROFILE

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.63	12.07

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

Length of panels : 6000 mm maximum
Vertical or horizontal installation

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

ON WOOD RANGE SPAN TABLE

PEIGNE 500® PROFILE

TABLE OF ALLOWABLE LOADS IN daN/m² BASED ON USAGE SPANS

Deflection limit criterion taken into account : 1/150th according to professional recommendations (RAGE) under wind load calculated according to EN 1991-1-4

PRESSURE		Span (m)	SUCTION	
2 supports	3 supports		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



Calculations according to Eurocode III Part 1.3

CALCULATION VALUES			SYMBOL	THICKNESS (mm)
				0.63
PRESSURE	Moment of inertia (cm ⁴ /ml)	Minimum	$I_{eff,min}$	46,6
		Maximum	$I_{eff,max}$	46,6
	Resistant bending moments (daN-m/ml)	at span	$M_{t,Rd}$	496,9
		at support	$M_{a,Rd}$	519,9
	Resistant shear force (daN/ ml)		$V_{b,Rd}$	11849,7
	Resistant support reaction (daN/ml)	at edge	$R_{w,Rd,ex}$	1819,3
intermediate		$R_{w,Rd,in}$	3638,6	
SUCTION	Moment of inertia (cm ⁴ /ml)	Minimum	$I'_{eff,min}$	46,6
		Maximum	$I'_{eff,max}$	46,6
	Resistant bending moments (daN-m/ml)	at span	$M'_{a,Rd}$	519,9
		at support	$M'_{a,Rd}$	496,9
Resistant shear force (daN/ml)		$V'_{b,Rd}$	11849,7	

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

ON WOOD RANGE

CLAIREWOA 880

ON WOOD®

REGISTERED
DESIGNS

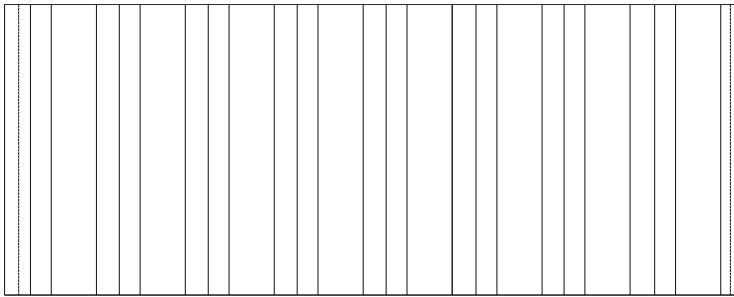
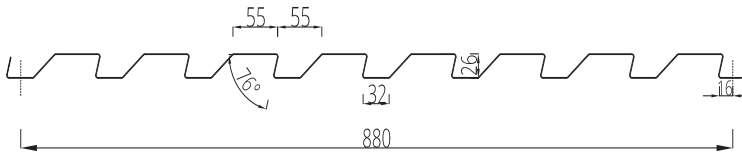
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE



CLAIREWOA® 880 PROFILE

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.75	8.16

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

Length of panels : 6000 mm maximum
Vertical or horizontal installation

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

ON WOOD RANGE SPAN TABLES

CLAIREWOA® 880 PROFILE

TABLE OF ALLOWABLE LOADS IN daN/m² BASED ON USAGE SPANS

Deflection limit criterion taken into account: 1/150th according to professional recommendations (RAGE) calculated according to NF EN 1991-1-4

PRESSURE		Span (m)	SUCTION	
2 supports	3 supports		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 standard NF P 34-503 and interpretation according to annexes E and N of professional recommendations-RAGE

CALCULATION VALUES			SYMBOL	THICKNESS (mm)
				0.75
PRESSURE	Moments of inertia (cm ⁴ /ml)	Simple span	I ₂	10.26
		2 spans	I ₃	9.81
		Continuous	I _m	10.03
	Bending moments (daN.m/ml)	Elastic-plastic span	M _{2T}	208.84
		Over support	M _{3A}	194.62
		Elastic-plastic span	M _{3T}	269.82
Support reaction under pressure			R _a	831.85
SUCTION	Moments of inertia (cm ⁴ /ml)	Simple span	I' ₂	11.32
		2 spans	I' ₃	9.03
		Continuous	I' _m	10.17
	Moments de flexion (daN-m/ml)	Elastic-plastic span	M' _{2T}	219.70
		Over support	M' _{3A}	171.90
		Elastic-plastic span	M' _{3T}	218.44
Support reaction under depression (daN/ml)			S _a	492.41

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

ON WOOD RANGE

ALABAMA 1060

ON WOOD®

REGISTERED
DESIGNS

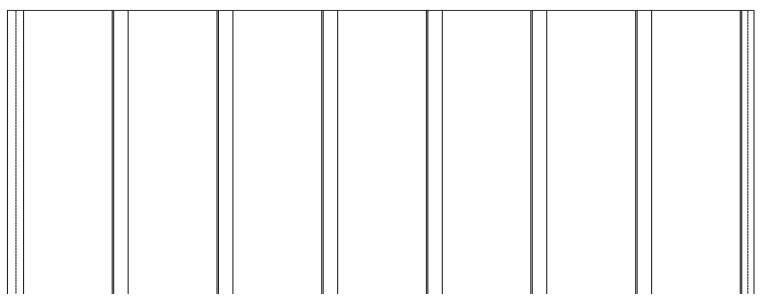
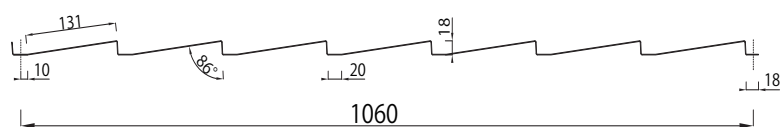
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE



ALABAMA® 1060 PROFILE

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.75	6.78

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

Length of panels : : 6000 mm maximum
Vertical or horizontal installation

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

ON WOOD RANGE SPAN TABLE

ALABAMA® 1060 PROFILE

TABLE OF ALLOWABLE LOADS IN daN/m² BASED ON USAGE SPANS

Deflection limit criterion taken into account: 1/150th according to professional recommendations (RAGE) calculated according to NF EN 1991-1-4

PRESSURE		Span (m)	SUCTION	
2 supports	3 supports		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 standard NF P 34-503 and interpretation according to annexes E and N of professional recommendations-RAGE

CALCULATION VALUES			SYMBOL	THICKNESS (mm)
				0.75
PRESSURE	Moments of inertia (cm ⁴ /ml)	Simple span	I ₂	4.38
		2 spans	I ₃	2.90
		Continuous	I _m	3.64
	Bending moments (daN.m/ml)	Elastic-plastic span	M _{2T}	72.20
		Over support	M _{3A}	72.97
		Elastic-plastic span	M _{3T}	103,17
Support reaction under pressure			R _a	527.70
SUCTION	Moments of inertia (cm ⁴ /ml)	Simple span	I' ₂	3.31
		2 spans	I' ₃	2.41
		Continuous	I' _m	2.86
	Moments de flexion (daN-m/ml)	Elastic-plastic span	M' _{2T}	68.80
		Over support	M' _{3A}	67.51
		Elastic-plastic span	M' _{3T}	100.10
Support reaction under depression (daN/ml)			S _a	380.78

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

ON WOOD RANGE

BARO MAXI 630



REGISTERED
DESIGNS

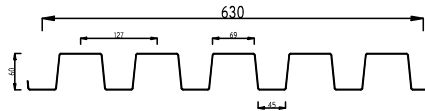
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE



BARO MAXI 630 PROFILE

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.75	11.40

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

Length of panels : 6000 mm maximum
Vertical or horizontal installation

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

BARO MAXI 630 PROFILE

TABLE OF ALLOWABLE LOADS IN daN/m² BASED ON USAGE SPANS

Deflection limit criterion taken into account: 1/150th according to professional recommendations (RAGE) calculated according to NF EN 1991-1-4

PRESSURE		Span (m)	SUCTION	
2 supports	3 supports		2 supports	3 supports
0.75	0.75	m	0.75	0.75
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



Calculations according to Eurocode III Part 1.3

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

CALCULATION VALUES			SYMBOL	UNITS	THICKNESS mm
					0.75
PRESSURE	Moments of inertia	Minimum	$I_{eff, min}$	cm ⁴ / ml	61.0
		Maximum	$I_{eff, max}$	cm ⁴ / ml	74.7
	Resistant bending moments	at span	$M_{t, Rd}$	m.daN/ml	500.7
		at support	$M_{a, Rd}$	m.daN/ml	512.2
	Resistant shear force		$V_{b, Rd}$	daN/ml	8444.9
Resistant support reaction	edge	$R_{w, Rd, ex}$	daN/ml	1278.2	
	intermediate	$R_{w, Rd, in}$	daN/ml	2556.5	
SUCTION	Moments of inertia	minimum	$I'_{eff, min}$	cm ⁴ / ml	69.0
		maximum	$I'_{eff, max}$	cm ⁴ / ml	74.6
	Resistant bending moments	at span	$M'_{t, Rd}$	m.daN/ml	512.2
		at support	$M'_{a, Rd}$	m.daN/ml	500.7
Resistant shear force		$V'_{b, Rd}$	daN/ml	8444.9	

Seismic validation: Study report DCC / CLC_12_229_1 from CSTB dated 25/02/2013

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

ON WOOD RANGE PLANCHE MAXI 900

THE COLLECTION
THAT THINKS
BIG

OnWood®
MAXI

REGISTERED
DESIGNS

30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE

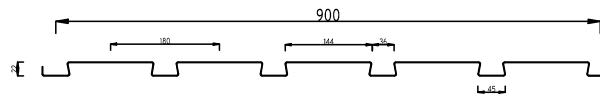


PLANCHE MAXI 900 PROFILE

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.75	7.98

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

Length of panels : 6000 mm maximum
Vertical installation

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

PLANCHE MAXI 900 PROFILE

TABLE OF ALLOWABLE LOADS IN daN/m² BASED ON USAGE SPANS

Deflection limit criterion taken into account: 1/150th according to professional recommendations (RAGE) calculated according to NF EN 1991-1-4

PRESSURE			Span (m)	SUCTION		
2 supports	3 supports	4 or more supports		2 supports	3 supports	4 or more supports
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

Test report n°R134436831-001-1



Report prepared according to standard NF P 34-503 and interpretation based on professional RAGE recommendations.

Technical information compliant with the provisions of the professional recommendations for siding in steel from July 2014.

CALCULATION VALUES			SYMBOL	Thickness (mm)
				0.75
PRESSURE	Moments of inertia (cm ⁴ /ml)	Single span	I ₂	8,55
		2 spans	I ₃	8,17
		Continuous	I _m	8,36
	Moments de flexion (daN-m/ml)	Elastic span	M _{2T}	164,14
		On support	M _{3A}	141,32
		Elasto-plastic span	M _{3T}	160,19
	Support reaction under pressure			R _a
SUCTION	Moments of inertia (cm ⁴ /ml)	Single span	I' ₂	9,39
		2 spans	I' ₃	8,18
		Continuous	I' _m	8,79
	Moments de flexion (daN-m/ml)	Elastic span	M' _{2T}	145,98
		On support	M' _{3A}	197,36
		Elasto-plastic span	M' _{3T}	214,37
	Support reaction under depression (daN/ml)			S _a

Seismic validation: Study report DCC / CLC_12_229_1 from CSTB dated 25/02/2013

The ONWOODrange metal sheets are non-structural sheets according to standard NF 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.

ON WOOD RANGE

PEIGNE MAXI 500



REGISTERED
DESIGNS

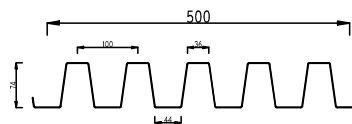
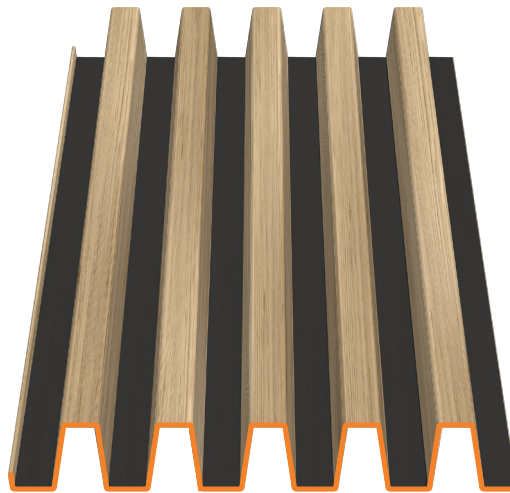
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE



PEIGNE MAXI 500 PROFILE

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.75	14.37

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

Length of panels : 6000 mm maximum
Vertical or horizontal installation

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

PEIGNE MAXI 500 PROFILE

TABLE OF ALLOWABLE LOADS IN daN/m² BASED ON USAGE SPANS

Deflection limit criterion taken into account: 1/150th according to professional recommendations (RAGE) calculated according to NF EN 1991-1-4

PRESSURE		Span (m)	SUCTION	
2 supports	3 supports		2 supports	3 supports
0.75	0.75	m	0.75	0.75
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



Calculations according to Eurocode III Part 1.3

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

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

CALCULATION VALUES			SYMBOL	UNITS	THICKNESS mm
					0.75
PRESSURE	Moments of inertia	Minimum	$I_{eff, min}$	cm ⁴ / ml	120.3
		Maximum	$I_{eff, max}$	cm ⁴ / ml	122.0
	Resistant bending moments	at span	$M_{t, Rd}$	m.daN/ml	779.0
		at support	$M_{a, Rd}$	m.daN/ml	789.6
	Resistant shear force		$V_{b, Rd}$	daN/ml	10725.1
Resistant support reaction	edge	$R_{w, Rd, ex}$	daN/ml	1604.1	
	intermediate	$R_{w, Rd, in}$	daN/ml	3208.2	
SUCTION	Moments of inertia	minimum	$I'_{eff, min}$	cm ⁴ / ml	114.8
		maximum	$I'_{eff, max}$	cm ⁴ / ml	122.0
	Resistant bending moments	at span	$M'_{t, Rd}$	m.daN/ml	789.6
		at support	$M'_{a, Rd}$	m.daN/ml	779.0
	Resistant shear force		$V'_{b, Rd}$	daN/ml	10725.1

Seismic validation: Study report DCC / CLC_12_229_1 from CSTB dated 25/02/2013

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

ON WOOD RANGE CHANFREIN MAXI 710



REGISTERED
DESIGNS

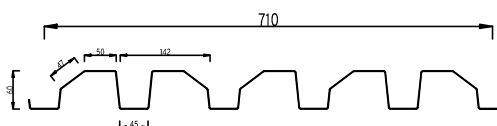
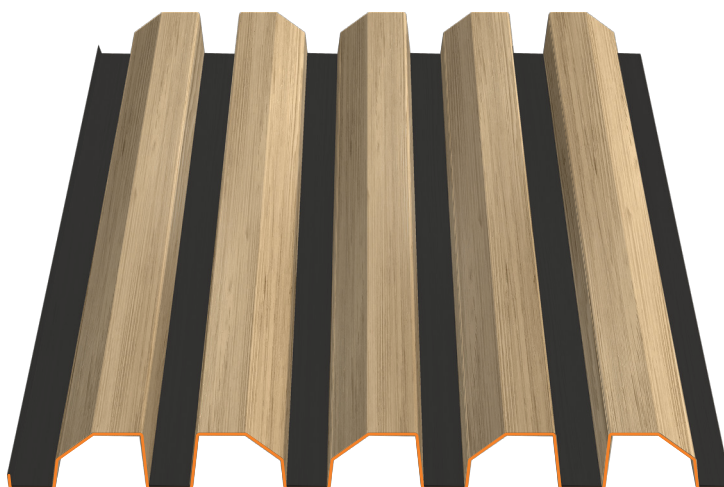
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE



CHANFREIN MAXI 710 PROFILE

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.75	10.12

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

Length of panels : 6000 mm maximum
Vertical or horizontal installation

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

PROFILE CHANFREIN MAXI 710

TABLE OF ALLOWABLE LOADS IN daN/m² BASED ON USAGE SPANS

Deflection limit criterion taken into account: 1/150th according to professional recommendations (RAGE) calculated according to NF EN 1991-1-4

PRESSURE			Span (m)	SUCTION		
2 supports	3 supports	4 or more supports		2 supports	3 supports	4 or more supports
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

Test report n°R134436832-001-1



Report prepared according to standard NF P 34-503 and interpretation based on professional RAGE recommendations.

Technical information compliant with the provisions of the professional recommendations for siding in steel from July 2014.

CALCULATION VALUES			SYMBOL	Thickness (mm)
				0.75
PRESSURE	Moments of inertia (cm ⁴ /ml)	Single span	I ₂	69,44
		2 spans	I ₃	60,85
		Continuous	I _m	65,14
	Moments de flexion (daN-m/ml)	Elastic span	M _{2T}	505,92
		On support	M _{3A}	530,15
		Elasto-plastic span	M _{3T}	590,31
	Support reaction under pressure			R _a
SUCTION	Moments of inertia (cm ⁴ /ml)	Single span	I' ₂	64,17
		2 spans	I' ₃	50,72
		Continuous	I' _m	57,45
	Moments de flexion (daN-m/ml)	Elastic span	M' _{2T}	494,22
		On support	M' _{3A}	601,95
		Elasto-plastic span	M' _{3T}	641,16
	Support reaction under depression (daN/ml)			S _a

Seismic validation: Study report DCC / CLC_12_229_1 from CSTB dated 25/02/2013

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

ON WOOD RANGE

CLAIREWOA MAXI 800



REGISTERED
DESIGNS

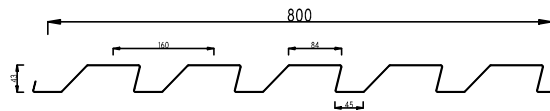
30-YEAR
WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL
INSTALLATION
METHOD

MADE IN FRANCE

DWG, BIM,
SKETCHUP FILES
TO DOWNLOAD
ON OUR WEBSITE



CLAIREWOA MAXI 800 PROFILE

Material	Thickness (mm)	Weight (kg/m ²)
Steel S280 GD + Z275	0.75	8.98

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

Length of panels : 6000 mm maximum
Vertical or horizontal installation

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.

CLAIREWOA MAXI 800 PROFILE

TABLE OF ALLOWABLE LOADS IN daN/m² BASED ON USAGE SPANS

Deflection limit criterion taken into account: 1/150th according to professional recommendations (RAGE) calculated according to NF EN 1991-1-4

PRESSURE			Span (m)	SUCTION		
2 supports	3 supports	4 or more supports		2 supports	3 supports	4 or more supports
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

Test report n°R134294628-001-1



Report prepared according to standard NF P 34-503 and interpretation based on professional RAGE recommendations.

Technical information compliant with the provisions of the professional recommendations for siding in steel from July 2014.

CALCULATION VALUES			SYMBOL	Thickness (mm)
				0.75
PRESSURE	Moments of inertia (cm ⁴ /ml)	Single span	I ₂	31,67
		2 spans	I ₃	31,29
		Continuous	I _m	31,48
	Moments de flexion (daN-m/ml)	Elastic span	M _{2T}	298,11
		On support	M _{3A}	320,51
		Elasto-plastic span	M _{3T}	336,61
	Support reaction under pressure			R _a
SUCTION	Moments of inertia (cm ⁴ /ml)	Single span	I' ₂	28,15
		2 spans	I' ₃	27,38
		Continuous	I' _m	27,76
	Moments de flexion (daN-m/ml)	Elastic span	M' _{2T}	293,46
		On support	M' _{3A}	329,84
		Elasto-plastic span	M' _{3T}	378,37
	Support reaction under depression (daN/ml)			S _a

Seismic validation: Study report DCC / CLC_12_229_1 from CSTB dated 25/02/2013

The ONWOOD range metal sheets are non-structural sheets according to standard NF 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.