ON WOOD RANGE
LANDAISE SERIES

REGISTERED DESIGNS

30-YEAR WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL INSTALLATION METHOD

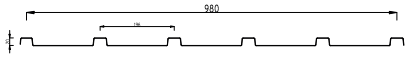
MADE IN FRANCE

DWG, BIM, SKETCHUP FILES TO DOWNLOAD ON OUR WEBSITE

1

ONWOOD **LANDAISE L1®** [980]

Usable width : 980 mm
Height : 20 mm

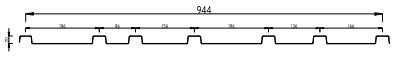


Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	7.33

2

ONWOOD **LANDAISE L2®** [944]

Usable width : 944 mm
Height : 20 mm



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

Length of panels : 6000 mm maximum
Vertical or horizontal installation

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

dwg files availables on our website www.ateliers3s.com

30/07/2025

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

LANDAISE SERIES®

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
409	394	**1.0**	373	377
284	289	**1.2**	226	276
187	222	**1.4**	148	209
125	170	**1.6**	102	160
88	135	**1.8**	73	126
64	109	**2.0**	54	102
48	90	**2.2**	41	84
37	76	**2.4**	32	71
29	65	**2.6**	26	60
23	56	**2.8**	21	52
19	48	**3.0**	17	42

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	4..8
		Maximum	$I_{eff, max}$	cm^4 / ml	4.8
	Resistant bending moments	at span	$M_{t, Rd}$	m.daN/ml	76.7
		at support	$M_{a, Rd}$	m.daN/ml	81.8
	Resistant shear force		$V_{b, Rd}$	daN/ml	2398.3
	Resistant support reaction	edge	$R_{w, Rd,ex}$	daN/ml	823.7
		intermediate	$R_{w, Rd, in}$	daN/ml	1647.5
SUCTION	Moments of inertia	minimum	$I'_{eff\ min}$	cm^4 / ml	3.1
		maximum	$I'_{eff, max}$	cm^4 / ml	4.8
	Resistant bending moments	at span	$M'_{t, Rd}$	m.daN/ml	81.8
		at support	$M'_{a, Rd}$	m.daN/ml	76.7
	Resistant shear force		$V'_{b, Rd}$	daN/ml	2398.3

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

30/07/2025

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.