

# ON WOOD RANGE

## BUCHETTE 740

# BÛCHETTE®

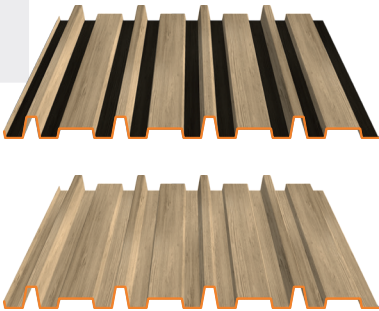
REGISTERED  
DESIGNS

30-YEAR  
WARRANTY  
  
FIRE : A1  
IMPACT : Q4

TRADITIONAL  
INSTALLATION  
METHOD

MADE IN FRANCE

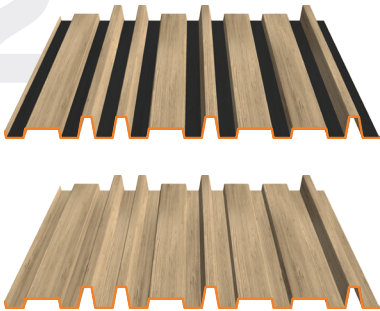
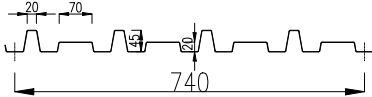
DWG, BIM,  
SKETCHUP FILES  
TO DOWNLOAD  
ON OUR WEBSITE



ONWOOD **BÛCHETTE B1®** [740]

Perfect alternation of lying and standing ribs for a facade with regular rhythm

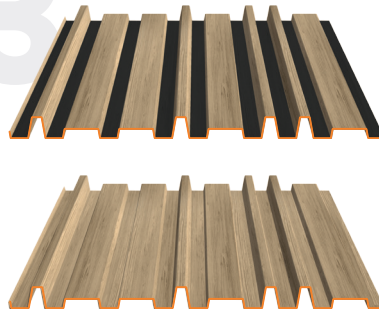
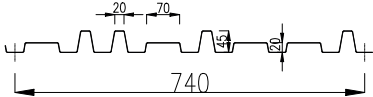
Usable width : 740 mm  
Height : 45 mm



ONWOOD **BÛCHETTE B2®** [740]

Composition of lying and standing ribs for a facade with random rhythm

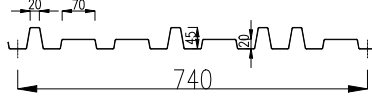
Usable width : 740 mm  
Height : 45 mm



ONWOOD **BÛCHETTE B3®** [740]

Composition of lying and standing ribs for a facade with random rhythm

Usable width : 740 mm  
Height : 45 mm



Material	Thickness (mm)	Weight (kg/m²)
Steel S280 GD + Z275	0.75	9.71

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

### BUCHETTE® 740 PROFILEE

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
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 (French snow and wind rules) is available upon request

Test report n°13294418-001-1



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

CALCULATION VALUES			SYMBOL	Thickness (mm)
				0.75
PRESSURE	Moments of inertia (cm4/ml)	Single span	I <sub>2</sub>	21,09
		2 spans	I <sub>3</sub>	13,79
		Continuous	I <sub>m</sub>	17,44
	Moments de flexion (daN-m/ml)	Elastic span	M <sub>2T</sub>	243,43
		On support	M <sub>3A</sub>	165,36
		Elasto-plastic span	M <sub>3T</sub>	174,76
	Support reaction under pressure		R <sub>a</sub>	367,91
SUCTION	Moments of inertia (cm4/ml)	Single span	I' <sub>2</sub>	17,76
		2 spans	I' <sub>3</sub>	14,60
		Continuous	I' <sub>m</sub>	16,18
	Moments de flexion (daN-m/ml)	Elastic span	M' <sub>2T</sub>	217,66
		On support	M' <sub>3A</sub>	169,81
		Elasto-plastic span	M' <sub>3T</sub>	186,57
	Support reaction under depression (daN/ml)		S <sub>a</sub>	413,51

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