

# ON WOOD RANGE

## BUCHETTE 740

# BÛCHETTE®

REGISTERED  
DESIGNS

30-YEAR  
WARRANTY

FIRE : A1  
IMPACT : Q4

TRADITIONAL  
INSTALLATION  
METHOD

MADE IN FRANCE

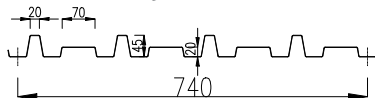
DWG, BIM,  
SKETCHUP FILES  
TO DOWNLOAD  
ON OUR WEBSITE



### ONWOOD BÛCHETTE B1® [740]

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

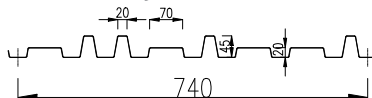
Usable width : 740 mm  
Height : 45 mm



### ONWOOD BÛCHETTE B2® [740]

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

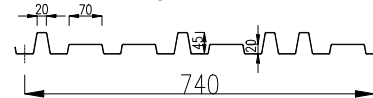
Usable width : 740 mm  
Height : 45 mm



### 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/m <sup>2</sup> )
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 PROFILE

TABLE OF ALLOWABLE LOADS IN daN/m<sup>2</sup> 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	<b>1.00</b>	551	276
204	204	<b>1.20</b>	459	230
175	175	<b>1.40</b>	394	197
153	153	<b>1.60</b>	345	172
136	136	<b>1.80</b>	306	153
123	123	<b>2.00</b>	239	138
111	111	<b>2.20</b>	180	125
102	102	<b>2.40</b>	138	115
94	94	<b>2.60</b>	109	106
88	88	<b>2.80</b>	87	98
82	82	<b>3.00</b>	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 (cm <sup>4</sup> /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>
SUCTION	Moments of inertia (cm <sup>4</sup> /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>

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