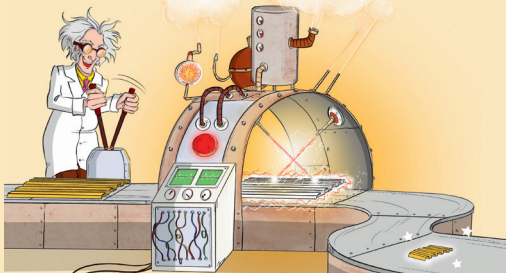
TOYS RANGE

BARO MINI 360



REGISTERED DESIGNS

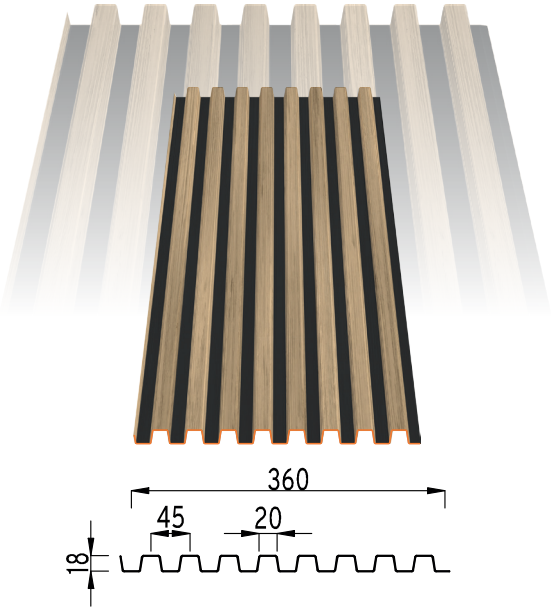
30-YEAR WARRANTY

FIRE : A1
IMPACT : Q4

TRADITIONAL INSTALLATION METHOD

MADE IN FRANCE

DWG, BIM, SKETCHUP FILES TO DOWNLOAD ON OUR WEBSITE



BARO MINI 360 PROFILEE

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

Length of panels : 6000 mm maximum
Vertical installation

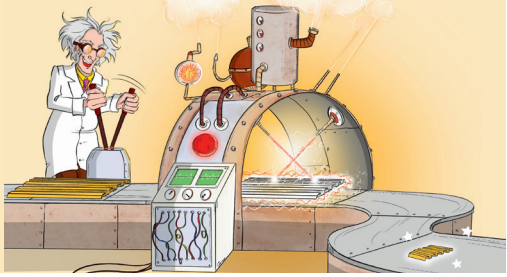
DWG files available for download at www.ateliers3s.com

The sheets in the TOYS range are non-structural sheets according to NF EN 14782:2006 standard, according to Professional Recommendations RAGE Cladding from July 2014, not intended to receive PPE anchoring devices according to standard EN 795 over their service life

30/07/2025

TOYS RANGE

SPAN TABLE



BARO MINI 360 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
0.63	0.63	m	0.63	0.63
572	688	**1,00**	572	875
430	517	**1,10**	430	724
331	398	**1,20**	331	608
261	313	**1,30**	261	518
209	251	**1,40**	209	447
170	204	**1,50**	170	389
140	168	**1,60**	140	342
117	140	**1,70**	117	303
98	118	**1,80**	98	255
83	100	**1,90**	83	217
72	86	**2,00**	72	186

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
					0.63
PRESSURE	Moments of inertia	Minimum	$I_{eff, min}$	cm^4 / ml	5,3
		Maximum	$I_{eff, max}$	cm^4 / ml	5,3
	Resistant bending moments	in span	$M_{t, Rd}$	m.daN/ml	164,2
		on support	$M_{a, Rd}$	m.daN/ml	173,5
	Resistant shear force		$V_{b, Rd}$	daN/ml	7730.3
	Resistant support reaction	edge	$R_{w, Rd,ex}$	daN/ml	2620,3
		intermediate	$R_{w, Rd, in}$	daN/ml	5240,7
SUCTION	Moments of inertia	minimum	$I'_{eff\ min}$	cm^4 / ml	5,3
		maximum	$I'_{eff, max}$	cm^4 / ml	5,3
	Resistant bending moments	in span	$M'_{t, Rd}$	m.daN/ml	173,5
		on support	$M'_{a, Rd}$	m.daN/ml	164,2
	Resistant shear force		$V'_{b, Rd}$	daN/ml	7730,3

Seismic validation: Study report DCC / CLC_12_229_1 from CSTB dated 25/02/201325/02/2013

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30/07/2025