

# Mini 16

ENG

# EXPALUN



# Introduction

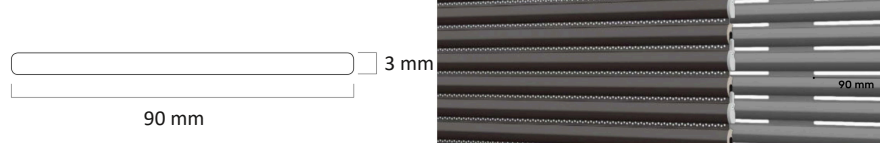
Roller blinds with polyurethane insulation, 16-mm high slats and a large hook. We offer the option of micro-perforation or a large slot.

Their main characteristics are the large slot and microperforation, which provides excellent views of the outside and good air circulation, but most of all, the smaller roll-up diameter compared to other profiles on the market.

Traditional slot

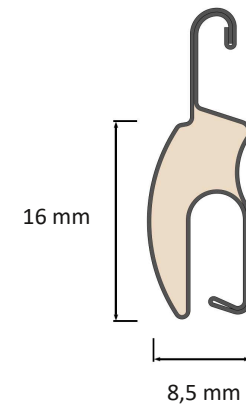


Big slot



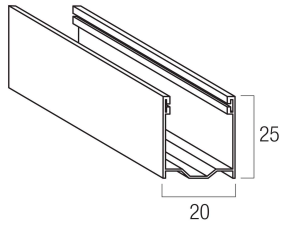
## Technical characteristics

PROFILE DIMENSIONS	ROLLING DIAMETER	DIMENSIONS (mm) ∅ 40 / 60			
		HEIGHT	DIAMETER	HEIGHT	DIAMETER
8,5 x 30 mm		1000	135	1000	145
WEIGHT PER SQUARE METER		1200	145	1200	155
		1300	155	1300	155
3,80 Kg		1400	155	1400	165
		1500	160	1500	165
ALUMINIUM THICKNESS		1600	160	1600	175
		1700	175	1700	175
-		1800	175	1800	180
		1900	180	1900	185
SLATS PER METER		2000	185	2000	185
		2200	195	2200	195
33		2400	200	2400	200
		2600	205	2600	210
MAXIMUM ADVISED WIDTH		2800	210	2800	215
		3000	220	3000	220
-		3300	230	3300	230

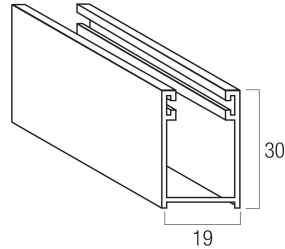


# Compatible guide bars, end slats and accessories

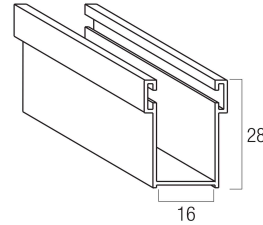
## ALUMINIUM GUIDE BARS



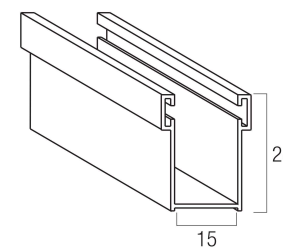
A25 - 20 x 25 mm



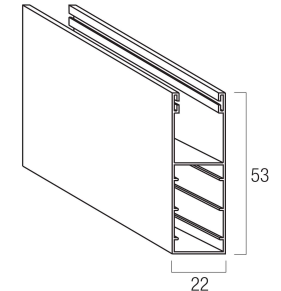
A19 - 19 x 30 mm



A16 - 16 x 28 mm

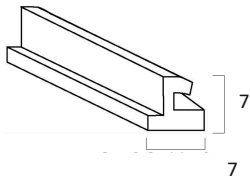


A14 - 15 x 28 mm

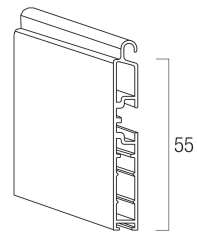


A53 - 22 x 53 mm

## COMPATIBLE END SLATS

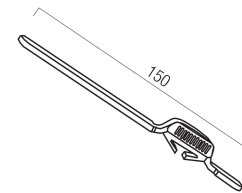


Rubber - 7 x 7 mm



Aluminium - 9 X 55 mm

## COMPATIBLE SAFETY LOCKS



Safety lock - 150 mm

**EXPALUM**



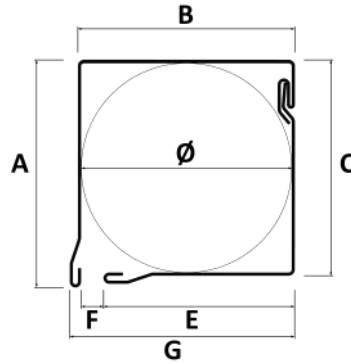
**External view**



**Internal view**

# PROFILED ALUMINIUM BOX 90° COFFRE EN ALUMINIUM PROFILÉ 90°

## ■ 2 pieces 2 pièces

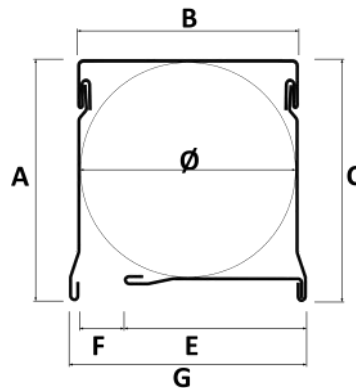


## ■ Dimensions of the parts of the box Dimensions des pièces du coffre

Diameter (Ø) Diamètre (Ø)	A	B	C	D	E	F	G	Thickness Épaisseur
137	14,0	13,8	13,8	-	11,0	2,5	14,2	0,7
150	15,8	15,2	15,0	-	12,5	2,3	15,1	0,7
165	17,0	16,6	16,5	-	14,0	2,5	17,0	0,7/0,8
180	18,0	18,0	18,0	-	14,3	3,5	18,3	0,8/1
205	21,2	20,5	20,5	-	16,7	3,6	20,8	0,8/1
250	25,5	25,0	25,2	-	21,1	3,9	25,3	1
300	30,5	30,2	30,1	-	24,8	5,1	30,2	1

These quantities are indicative. Expressed in centimeters. Ces quantités sont indicatives. Exprimées en centimètres.

## ■ 4 pieces 4 pièces



## ■ Dimensions of the parts of the box Dimensions des pièces du coffre

Diameter (Ø) Diamètre (Ø)	A	B	C	D	E	F	G	Thickness Épaisseur
137	14,8	13,7	14,8	-	11,3	2,35	14,0	0,7
150	-	-	-	-	-	-	-	0,7
165	17,6	16,5	17,6	-	14,1	2,6	17,1	0,7
180	19,1	18,1	19,1	-	15,4	26,8	18,5	0,7
205	21,5	20,6	21,5	-	18,2	2,4	21,0	0,7
250 (3 pieces)	-	-	-	-	-	-	-	1

These quantities are indicative. Expressed in centimeters. Ces quantités sont indicatives. Exprimées en centimètres.

# PROFILED ALUMINIUM BOX 90° COFFRE EN ALUMINIUM PROFILÉ 90°

## ■ Technical data Caractéristiques techniques

COATING LAQUAGE		
POLYAMIDE	Norm.	Value
Thickness Épaisseur peinture	EN 13523-1	22±2μ
Gloss (60%) Brillance (60%)	EN 13523-2	Matt-Matt 10-20% Middle gloss-Brillance moyenne 30-60% Gloss-Brillance >80%
Control color	EN 13523-3	-
Pencil Hardness Dureté au crayon	EN 13523-4	H - 2H
T Bending test Tes de pliage en T	EN 13523-7	0T - 1T
Rubbing Test. Mek test Test de frottement.	EN 13523-11	100 - 120 D.F.
Acetic salt spray	EN ISO 9227 AASS:2012	1000 hours/heures

SIDE ONE FACE 1	POLYURETHANE POLYAMIDE POLIÉSTER
SIDE TWO FACE 2	EPOXY POLIÉSTER

### Technical aluminium properties Propriétés techniques de l'aluminium

ALLOY ALLIAGE	3005
THICKNESS ÉPAISSEUR	0,7 - 1,0 mm
HARDNESS DURETÉ	H44 - H22

## ■ Manufacturing features Caractéristiques de construction

	90°	
Manufacturing lenght Fabrication longue	6	ml
Packaging Emballage	<b>2 P</b>	
137 - 205	30	ml
250	18	ml
300	12	ml
Packaging Emballage	<b>4 P</b>	
137 - 205	30	ml
250 (3 P)	18	ml

## ■ Height of roller shutters in boxes. Enroulements en cm.

SLATS LAMES	37 mm			39 mm			40C mm			40C+ mm			41 mm			43 mm			43+ mm			45C mm			45 mm			45+ mm		
AXIS AXES	40	60	ZF54	40	60	ZF54	40	60	ZF54	40	60	ZF54	40	60	ZF54	40	60	ZF54	40	60	ZF54	40	60	ZF54	40	60	ZF54	40	60	ZF54
Alu. 90° 137	163	155	144	159	151	142	160	160	144	168	168	-	121	113	96	150	159	137	150	159	137	148	140	140	112	130	110	112	130	110
Alu. 90° 150	204	189	166	205	190	170	200	200	192	-	-	-	153	137	129	193	185	172	193	185	172	180	198	175	148	166	135	148	166	135
Alu. 90° 165	244	244	222	252	233	227	272	260	260	280	272	-	189	169	169	241	232	241	241	232	241	238	220	240	216	211	180	216	211	180
Alu. 90° 180	296	311	266	299	287	277	344	328	360	352	336	-	242	226	234	305	297	314	305	297	314	310	283	310	274	261	265	274	261	265
Alu. 90° 205	393	367	355	400	381	382	440	432	432	-	-	-	331	307	307	404	396	404	404	396	404	391	387	400	373	360	325	373	360	325
Alu. 90° 250	-	525	-	-	552	-	-	-	-	-	-	-	-	-	-	-	540	-	-	540	-	-	560	-	-	480	-	-	480	-
SLATS LAMES	45R mm			50L mm			50+ mm			51+ mm		55C mm			55E mm			55+ mm			77C mm		77L mm							
AXIS AXES	40	60	ZF54	40	60	ZF54	40	60	ZF54	60	ZF54	60	70	ZF54	60	70	ZF54	60	70	ZF54	60	70	ZF54	100	130	100	130			
Alu. 90° 137	90	85	85	105	90	95	110	105	105	90	95	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Alu. 90° 150	112	103	103	140	125	135	155	140	135	130	135	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Alu. 90° 165	130	126	126	160	170	180	200	185	200	175	180	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Alu. 90° 180	180	171	175	235	220	225	255	235	245	225	230	220	209	255	-	-	-	-	-	-	-	-	-	-	-	-	-			
Alu. 90° 205	234	238	229	295	305	300	340	330	315	315	310	286	275	-	220	209	-	193	200	-	-	-	-	-	-	-	-			
Alu. 90° 250	-	-	-	-	430	-	-	430	-	-	-	-	-	-	357	357	280	357	363	308	234	203	246	216	216	216	216			
Alu. 90° 300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	354	339	354	339			