

Wood frame systems



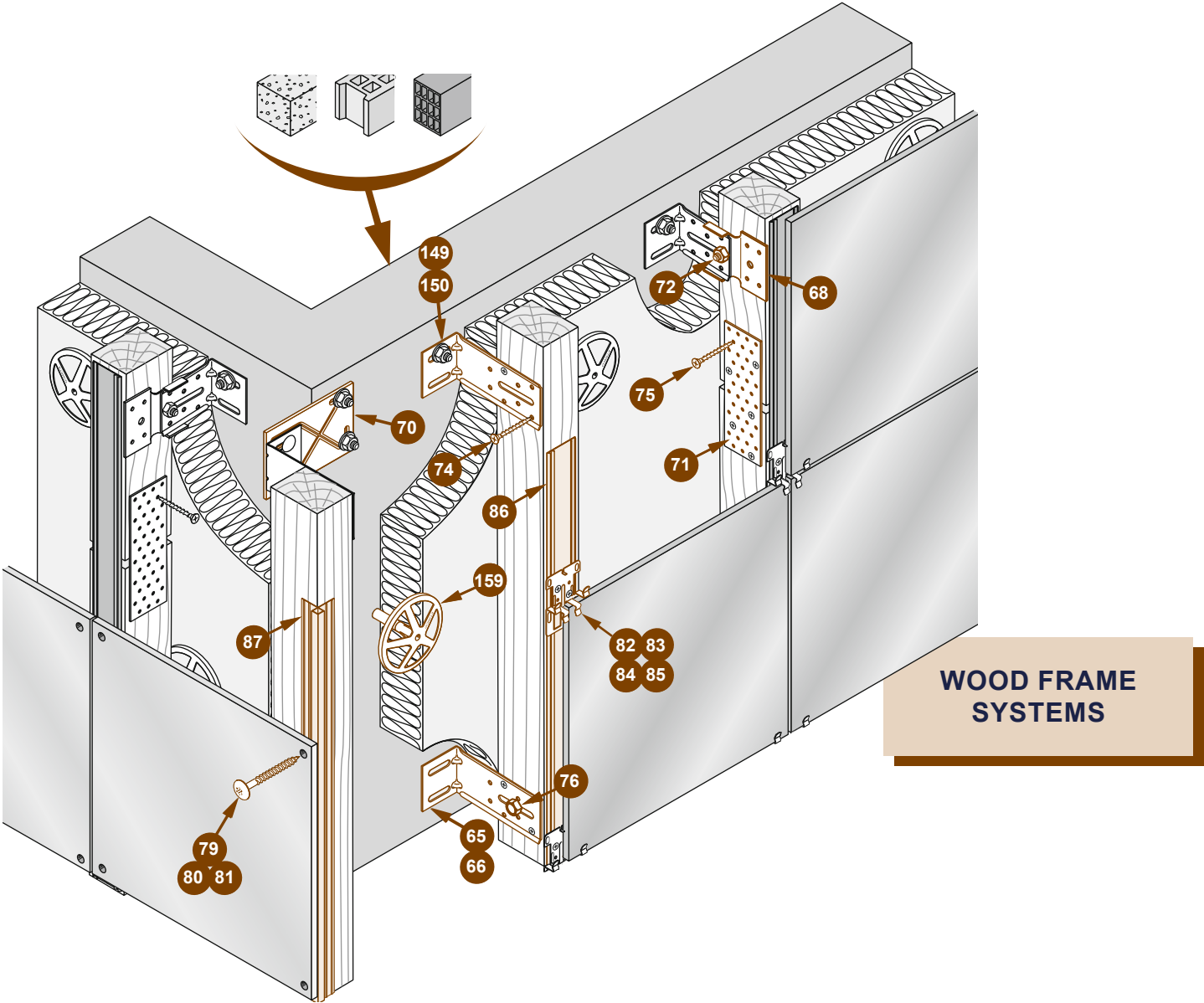
Exterior wall cladding solution: Trespa
College Louis Philibert | Le Puy-Sainte-Réparate | France
Architect: Viellard et Fasciani

CHAPTER 3

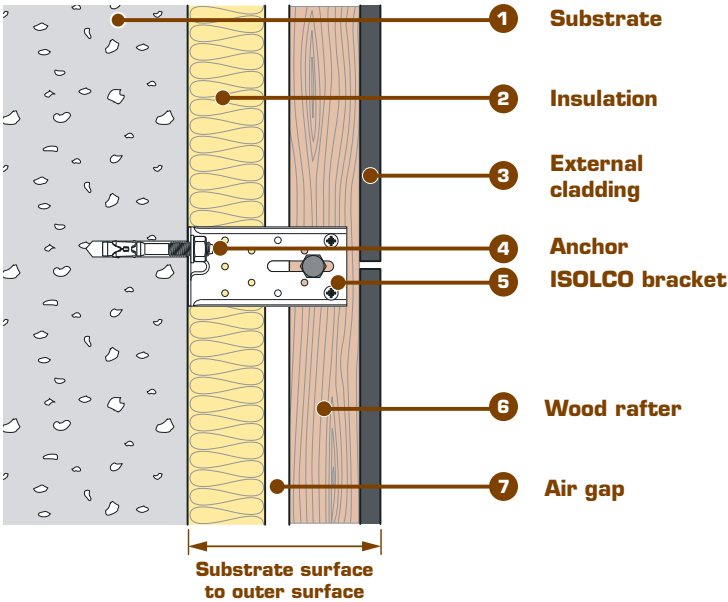
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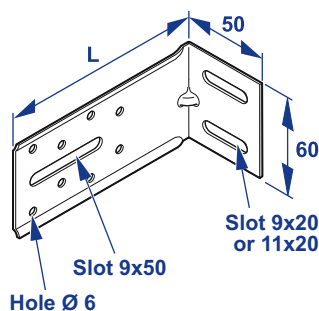


WOOD FRAME
SYSTEMS



PRINCIPLE
ISOLCO 3000 P2
M8 & M10

FAÇADE INSULATION BRACKET FOR VERTICAL WOOD FRAMES



GALVANISED STEEL



Z450 SG 220 GD galvanised steel Th. 25/10 th		Z450 SG 220 GD galvanised steel Th. 25/10 th	
ISOLCO 3000 P2 M8/Ga Slot 9x20		ISOLCO 3000 P2 M10/Ga Slot 11x20	
Packaging	Code	Packaging	Code
200	367 100	200	367 130
200	367 101	200	367 131
200	367 102	200	367 132
200	367 103	200	367 133
200	367 104	200	367 134
200	367 105	200	367 135
100	367 106	100	367 136
100	367 107	100	367 137
100	367 108	100	367 138
100	367 109	100	367 139
100	367 110	100	367 140
100	367 111	100	367 141
100	367 112	100	367 142
100	367 113	100	367 143
100	367 114	100	367 144
100	367 115	100	367 145
50	367 116	50	367 146
50	367 117	50	367 147
50	367 118	50	367 148
50	367 119	50	367 149
50	367 120	50	367 150
50	367 121	50	367 151
50	367 122	50	367 152
50	367 123	50	367 153
50	367 124	50	367 154
50	367 125	50	367 155
50	367 126	50	367 156

• Features:

- Compliant with the CSTB 3316 technical specifications
- Wider scope of implementation thanks to the Z450 galvanised steel treatment enabling it to be used in coastal areas and in buildings located less than 3 km from the coast.(excluding sites in direct contact with sea water and salt spray)
- M8 anchoring compatible in seismic zone C1
- M10 anchoring compatible in seismic zones C1 and C2, and compatible with the MARCOVIS FM-X5 TH Ø 10 anchors
- Oblong hole for perpendicular adjustment

• Façade application:

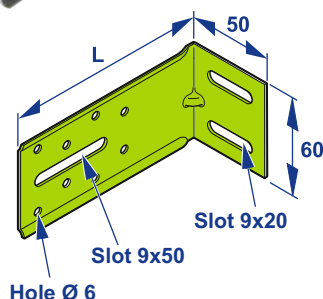
- Enable wood rafters to be connected to the main structure on all building types, whether new or undergoing renovation.
- Adapts to different types of cladding: Fibre-cement, HPL, terracotta, wood, ceramic, metal and alloy, etc.

more products

- Extensions, see page 68-69
- TRCC bolt (code 54 505), see page 72
- Serrated lock washer (code 73 010), see page 72
- Screw-in lag screw (code 19 802), see page 76
- VBU TF / A2 SS & VBU TF / SH 5x40 wood screw, see page 75

FAÇADE BRACKETS & EXTENSIONS

FAÇADE INSULATION BRACKET



A2 STAINLESS STEEL

**Austenitic stainless steel
A2 Aisi 304 - Th. 20/10th**

ISOLCO 3000 P2 M8/ A2 SS

L	Packaging	Code
60	100	362 206
80	100	362 208
100	100	362 210
110	100	362 211
120	100	362 212
140	100	362 214
160	100	362 216
170	100	362 217
180	50	362 218
200	50	362 220
220	50	362 222
240	50	362 224
280	50	362 228
300	50	362 230

- Compliant with the CSTB 3316 technical specifications
- A4 Aisi 316 austenitic stainless steel upon request. Contact us.
- **Façade application:**
 - Façade insulation bracket for the vertical fastening of wood rafters

more products

- Extensions, see pages 68-69 - TRCC bolt (code 54 505), see page 72
- Screw-in lag screw (code 19 802), see page 76 -
- VBU TF / A2 SS & VBU TF / SH 5x40 wood screw, see page 75

WEDGE FOR ISOLCO 3000 P2 BRACKET



POLYAMIDE

**Glass fibre-reinforced
PA6 polyamide**

**THERMOSTOP ISOLCO
wedge**

Width x Length	th.	hole Ø	Packaging	Code
60 x 49	3	11	500	611 282

CORNER PARTS HEIGHT 160 mm



GALVANISED STEEL

Min. S220 Z450 steel

CORNER PARTS LR 80

No load	Packaging	Code
100	1	355 481
120	1	355 483
140	1	355 485
160	1	355 487
180	1	355 489
200	1	355 491
220	1	355 493
240	1	355 495



GALVANISED STEEL

Min. S220 Z450 steel

CORNER PARTS LR 160

No load	Packaging	Code
100	1	355 480
120	1	355 482
140	1	355 484
160	1	355 486
180	1	355 488
200	1	355 490
220	1	355 492
240	1	355 494

• Features:

- Versatile range that can adapt to fit all frame types: aluminium (fixed point and expanding), steel and wood for insulation from 80 to 220 mm
- High load absorption for fastening heavy cladding
- Compliant with the CSTB 3316 technical specifications
- Suitable for seismic zones in accordance with the Eurocode and French Standard NF EN 1998

• Façade application:

- Fastening 100 mm to 240 mm (installation gap) corner frames for ventilated cladding.

OFFSET EXTENSION FOR ISOLCO 3000 P2 BRACKET

GALVANISED STEEL

Z 450 galvanised steel - Th. 25/10th

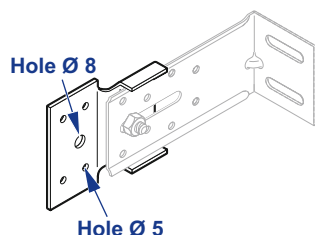
GRISBY GM/5 holes



L	For bracket length	P.R. min. *	P.R. max. *	Packaging	Code
86	80 / > 80	15	50	100	367 222

(*) P.R. : Min/Max adjustment range to be added to the length of the bracket > or = 80 mm

- Compliant with the CSTB 3316 technical specifications
- Extension offset by 7 mm, to enable a screw head to fit between the bracket and its extension
- **Façade application:**
 - Adjustable extension adapted to the ISOLCO bracket for the vertical fastening of wood rafters.



GALVANISED STEEL

Z 450 galvanised steel - Th. 25/10th

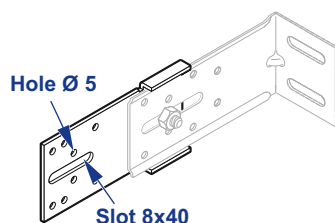
GRISBY 180



L	For bracket length	P.R. min. *	P.R. max. *	Packaging	Code
125	60 / > 60	55	90	100	367 226

(*) P.R. : Min/Max adjustment range to be added to the length of the bracket > or = 60 mm

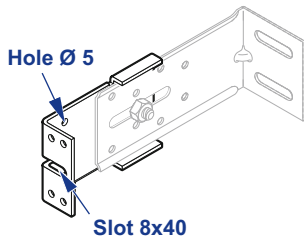
- Compliant with the CSTB 3316 technical specifications
- **Façade application:**
 - Adjustable extension adapted to the ISOLCO bracket for the vertical fastening of wood rafters.



more products

- ISOLCO 3000 P2, see pages 65-66 - TRCC bolt (code 54 505), see page 72
- Serrated lock washer (code 73 010), see page 72 - Screw-in lag screw (code 19 802), see page 76
- VBU TF / A2 SS & VBU TF / SH 5x40 wood screw, see page 75

OFFSET EXTENSION FOR ISOLCO 3000 P2 BRACKET



GALVANISED STEEL

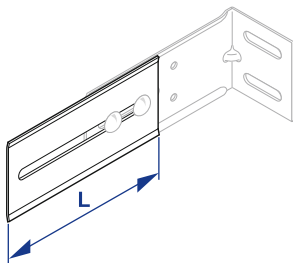
Z 450 galvanised steel - Th. 25/10th

GRISBY 90

L	For bracket length	P.R. min. *	P.R. max. *	Packaging	Code
95	60 / > 60	30	60	100	367 224

(*) P.R. : Min/Max adjustment range to be added to the length of the bracket > or = 60 mm

- Compliant with the CSTB 3316 technical specifications
- Façade application:**
 - Adjustable extension adapted to the ISOLCO bracket for the vertical fastening of wood rafters.



GALVANISED STEEL

Z 450 galvanised steel - Th. 25/10th

GRISBY SIMPLE

L	For bracket length	P.R. min. *	P.R. max. *	Packaging	Code
150	80 / > 80	75	100	100	367 228
200	80 / > 80	125	150	100	367 230

(*) P.R. : Min/Max adjustment range to be added to the length of the bracket > or = 80 mm

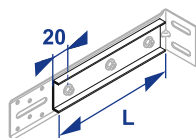
- Compliant with the CSTB 3316 technical specifications
- Façade application:**
 - Adjustable extension adapted to the ISOLCO bracket for the vertical fastening of wood rafters.

[more products](#)

- ISOLCO 3000 P2, see pages 65-66 - TRCC bolt (code 54 505), see page 72
- Serrated lock washer (code 73 010), see page 72 - Screw-in lag screw (code 19 802), see page 76
- VBV TF / A2 SS & VBV TF / SH 5x40 wood screw, see page 75

U-SHAPED REINFORCEMENT

PREVENTING THE BUCKLING OF ISOLCO 3000 P2 BRACKETS



GALVANISED STEEL

Z 450 galvanised steel - Th. 25/10th

U-SHAPED REINFORCEMENT

L	Packaging	Code
250	30	367 236
300	25	367 238

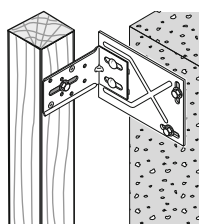
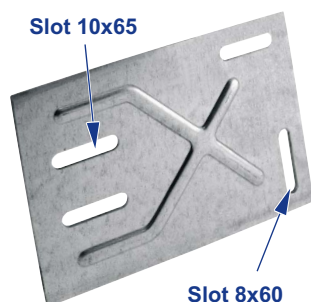
- Compliant with the CSTB 3316 technical specifications
- Façade application:**
 - U-shaped reinforcement preventing the buckling of ISOLCO 3000 P2 brackets longer than 300 mm. For a 'Wall/rafter inner edge' distance > than 350 mm.

more products

- GOLDOVIS/2C (code 331 203), see page 73

CORNER PLATE

TO CREATE EXTERNAL CORNERS



GALVANISED STEEL

Z 450 galvanised steel - Th. 25/10th

CORNER PLATE

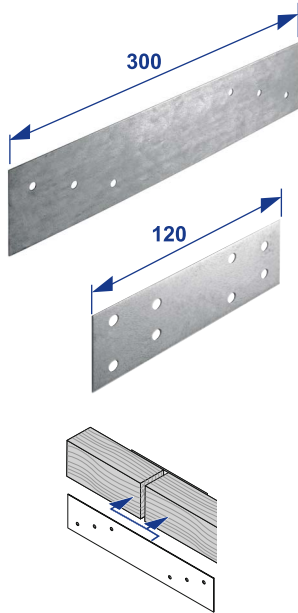
H	L	Packaging	Code
120	180	25	367 240

- Compliant with the CSTB 3316 technical specifications
- Façade application:**
 - ISOLCO bracket adapted to the corner plate to fasten wood rafters
 - Max. gap of 140 mm

more products

- ISOLCO 3000 P2, see pages 65-66 - TRCC bolt (code 54 505), see page 72
- Serrated lock washer (code 73 010), see page 72 - Screw-in lag screw (code 19 802), see page 76
- VBV TF / A2 SS & VBU TF / SH 5x40 wood screw, see page 75

PERFORATED PLATE FOR BUTT-JOINTING WOOD RAFTERS



GALVANISED STEEL

Z 450 galvanised steel

BUTT-JOINTING SPLICE PLATE

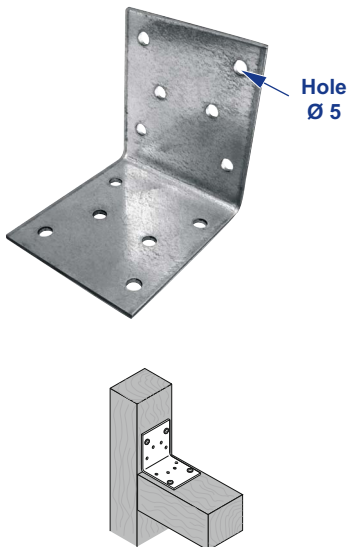
Ht	L	Th.	Packaging	Code
40	120	1.5	100	367 242
60	300	1	50	367 244

- 60x300 splice plates compliant with the CSTB 3316 technical specification
- 2 splice plates per butt-joint
- **Façade application:**
 - Perforated plate for butt-jointing wood rafters

more products

- Anchor nail (code 29 900), see page 74
- VBU TF / A2 SS & VBU TF / SH 5x40 wood screw, see page 75

PERFORATED BRACKET FOR FASTENING WOOD JOISTS



GALVANISED STEEL

Z 450 galvanised steel - Th. 25/10th

JOIST CONNECTOR

Ht	L	Packaging	Code
70	70	100	611 591

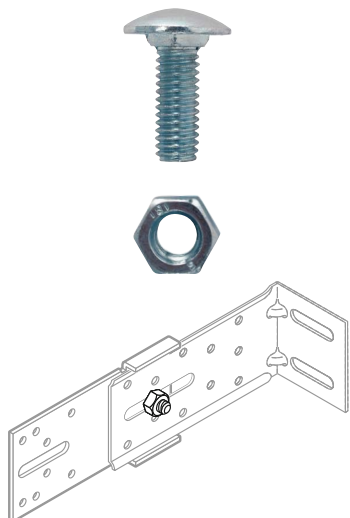
- Compliant with the CSTB 3316 technical specifications
- **Façade application:**
 - Perforated bracket for fastening wood joists

more products

- Anchor nail (code 29 900), see page 74
- VBU TF / A2 SS & VBU TF / SH 5x40 wood screw, see page 75

CONNECTION of the EXTENSIONS to the BRACKETS

T.R.C.C. FOR FAÇADE BRACKET BOLT - SHORT SQUARE FLANGE - FLAT END (SCREW + NUT NOT MOUNTED)



ZINC-PLATED STEEL

Zinc-plated steel

T.R.C.C. Short flange
Zn

Ø x L	Lf	Pitch	Box of	Code
8 x 20	17	125	200	54 505

- Compliant with the CSTB 3316 technical specifications
- **Façade application:**
 - Adjustable extension adapted to the ISOLCO bracket for the vertical fastening of wood rafters.

more products

- Serrated lock washer, see below - ISOLCO 3000 P2, see pages 65-66
- U-shaped reinforcement, see page 70

- **Lf:** Length of threaded part

SERRATED LOCK WASHER WITH EXTERNAL TEETH



ZINC-PLATED STEEL

Zinc-plated steel

Serrated LOCK WASHER / Zn

Washer ext. Ø	hole Ø	Packaging	Code
14	8	100	73 010

- Compliant with the CSTB 3316 technical specifications
- **Façade application:**
 - Lock washer

WASHER FLAT, SPLIT



GALVANISED STEEL

Galvanised steel

Washer FLAT / Ga

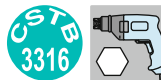
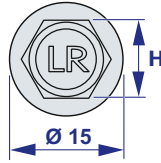
Washer ext. Ø	hole Ø	Th.	Packaging	Code
20	9	1	100	71 050

SELF-DRILLING SCREW - DRILL TIP (WITHOUT STARTER HOLE)

HEXAGONAL STEEL HEAD WITH FLANGE

LARGE FLANGE Ø 15 MM/TH. 1.5 MM

On steel substrate *th.* > 0.75 mm



SUPRACOAT 2C

Supracoat 2C-treated steel
Resistance to corrosion
≥ 15 Kesternich cycles

GOLDOVIS/2C

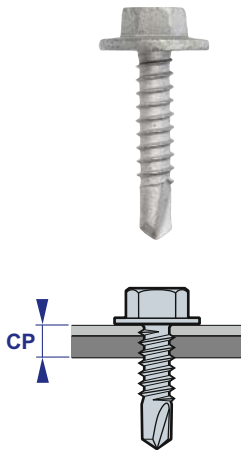
CP	Ø x L	CA _{max.}	H	Packaging	Code
1.5 to 5	5.5 x 25	13	8	100	331 152
2 to 6	6.3 x 22	10	10	100	331 203

- Compliant with the CSTB 3316 technical specifications
- **Façade application:**
 - Fastening U-shaped reinforcements to brackets

more products

- 8 mm & 10 mm hex head screwdriving socket, see page 195
- Fein screwdrivers, see page 194

- **CP:** Drilling capacity on steel (minimum/maximum)
CA_{max.}: Maximum assembly capacity - **H:** Hexagonal drive



ASSEMBLY of the BRACKETS & SPLICE BARS

RING NAIL

REINFORCED FLAT HEAD - CONE UNDER HEAD



ZINC-PLATED STEEL

Electro-galvanised steel

ANCHOR NAIL / Zn

Ø x L	Packaging	Code
4 x 40	250	29 900
4 x 50	250	29 902

- **Façade application:**
 - Used for fastening the 2 splice plates for butt-jointing or the joist connector to the rafters

PARTICLE-BOARD SCREW

90° COUNTERSUNK HEAD - TORX PATTERN



YCZ ZINC-PLATED STEEL

Yellow chromate zinc-plated steel
Resistance to corrosion
> 30 Kesternich cycles

VBU PRO TF / YCZ

Ø x L	Indentation	Packaging	Code
4.5 x 45	Tx 20	500	39 466

- **Façade application:**
 - Used for fastening the 2 splice plates for butt-jointing or the joist connector to the rafters

more products

- Stainless steel bit holder with magnetic clip (code 323 105), see page 196
- Torx No.20 bit (code 325 090), see page 197

FASTENING WOOD RAFTERS on BRACKETS

WOOD SCREW

PARTICLE-BOARD SCREW - 90° COUNTERSUNK HEAD - POZIDRIV PATTERN



A2 STAINLESS STEEL

Austenitic stainless steel
A2 Aisi 304
Resistance to corrosion
>30 Kesternich cycles

VBU TF /In A2

Ø x L	Indentation	Packaging	Code
5 x 40	PZ2	200	33 020

- Compliant with the CSTB 3316 technical specifications



SHERARDISED

Sherardised steel
Resistance to corrosion
>30 Kesternich cycles

VBU TF /SH

Ø x L	Indentation	Packaging	Code
5 x 40	PZ2	200	25 502

- Compliant with the CSTB 3316 technical specifications



YCZ ZINC-PLATED STEEL

Yellow chromate zinc-plated steel
Resistance to corrosion
= 2 Kesternich cycles

VBU TF /YCZ

Ø x L	Indentation	Packaging	Code
5 x 40	PZ2	500	25 500

more products

- Stainless steel bit holder with magnetic clip (code 323 105), see page 196
- Pozidriv No.2 cruciform bit (code 325 010), see page 197

FASTENING WOOD RAFTERS on BRACKETS

SCREW-IN LAG SCREW

STANDARD HEXAGONAL HEAD (DIN 571)

Bare, natural lag screw



A2 STAINLESS STEEL

Austenitic stainless steel
A2 Aisi 304
Resistance to corrosion
> 30 Kesternich cycles

HEX HEAD LAG SCREW / A2 SS (Din 571)

Ø	x	L	H	Packaging	Code
8	x	50	13	100	15 234



ZINC-PLATED STEEL

Zinc-plated steel

HEX HEAD LAG SCREW / ZN (Din 571)

Ø	x	L	H	Packaging	Code
8	x	50	13	200	12 250

- Ø of the lag screw on thread

HEX HEAD (6 X 13 MM SIDES)

Bare, natural lag screw



SHERARDISED

Sherardised steel
Resistance to corrosion
> 30 Kesternich cycles

HEX HEAD LAG SCREW / SH

Ø	x	L	H	Packaging	Code
7	x	50	13	100	19 802

- Compliant with the CSTB 3316 technical specifications
- Ø of the lag screw on thread
- **Façade application:**
 - Fastening wood rafters to ISOLCO 3000 P brackets

more products

- 13 mm hex head one-piece nutsetter (code 323 525), see page 195
- ISOLCO 3000 P2 brackets, see pages 65-66

FLAT WASHER



GALVANISED STEEL

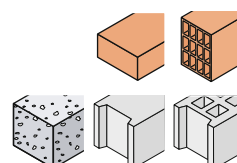
Galvanised steel

FLAT washer

Ø	x	L	th.	Packaging	Code
18	x	8.5	1	100	71 060

WOOD FRAMES

ISOLCO/ISOLCO+ BRACKETS FASTENING TO SUPPORTING WALL



<i>Anchors for HEAVY LOADS</i>				Page	Concrete	Solid material	Hollow material	Diameter	Certification
heavy	Expansion stud (non-cracked concrete)	BARACO FM 753		149	○			8 10	
	Expansion stud (cracked and non-cracked concrete)	BARACO FM 753 CRACK		150	○			8 10	

<i>CHEMICAL anchors</i>									
chemical	Chemical sealing of rods in solid and hollow materials	CHIMFORT KEM RANGE		151 to 154	○	○	○	8 10	

<i>Anchors for MEDIUM LOADS</i>									
medium	Screw-in three-segment expansion anchor	MP3-S MP3-S LARGE		155	○	○	○	8 10	

For technical data, please refer to Chapter 7 'FASTENINGS'.

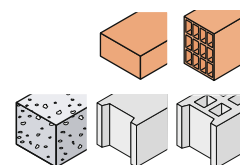


Adapted to the material



Can be suitable (subject to prior testing)

ANCHORING SOLUTIONS



LIGHT anchors			Page	Concrete	Solid material	Hollow material	Diameter	Certification	
light	Screw-in polyamide expansion anchor for hollow materials	BLOC		156	○	○	○	8 10	
	Long plastic anchor for solid and hollow materials (with screw)	MARCOVIS FM-X5 TH FM-X5 CL TH		157	○	○	○	10	
	Plastic anchor for solid and hollow materials (with screw)	MARCOVIS FM-X5s FM-X5s CL		158	○	○	●	10	

Anchors for FASTENING 'INSULATION

for insulation	Black drive anchor for flexible insulation	INCO-GAZ		159	○	○	●	15	
	Black drive anchor for flexible insulation	INCO II 8		159	○	○	●	8	
	Drive anchor with nail for flexible and rigid insulation	SUPER ISO II SUPER ISO II LONG		160 161	○	○	○	10	
	Drive anchor with nail for flexible and rigid insulation	SUPER ISO II Mt SUPER ISO II LONG Mt		160 161	○	○	○	10	
	Drive anchor with nail for flexible and rigid insulation	MAX-ISO		162	○	○	○	8	
	Controlled deformation anchor with screw for flexible and rigid insulation	FM-ISOPUS		163	○	○	○	8	

For technical data, please refer to Chapter 7 'FASTENINGS'.



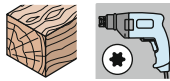
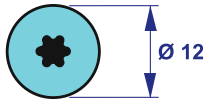
Adapted to the material



Can be suitable (subject to prior testing)

WOOD SCREW

SCREW WITH POINTED END - DOMED HEAD Ø 12 MM TORX SOCKET

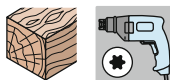
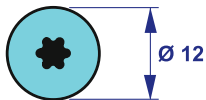


A2 STAINLESS STEEL



NATURAL head Austenitic stainless steel A2 Aisi 304 Resistance to corrosion >30 Kesternich cycles		PAINTED head Austenitic stainless steel A2 Aisi 304 Resistance to corrosion >30 Kesternich cycles	
TORX PANEL WOOD TB 12 A2 SS - Natural		TORX PANEL WOOD TB 12 A2 SS - Painted	
Ø x L	Indentation	Packaging	Code
4.8 x 38	TX 20	100	33 107
4.8 x 60	TX 20	100	33 117

- Screw with painted head, minimum sale quantity: 500 items
- Shades: ETANCO colour chart, see pages 18 to 21
- **Façade application:**
 - Fastening flat products in compliance with most of the technical assessments delivered to the manufacturers



A4 STAINLESS STEEL



NATURAL head Austenitic stainless steel A4 Aisi 304 Resistance to corrosion >30 Kesternich cycles		PAINTED head Austenitic stainless steel A4 Aisi 304 Resistance to corrosion >30 Kesternich cycles	
TORX PANEL WOOD TB 12 A4 SS - Natural		TORX PANEL WOOD TB 12 A4 SS - Painted	
Ø x L	Indentation	Packaging	Code
4.8 x 38	TX 20	100	33 146
4.8 x 60	TX 20	100	33 147

- Screw with painted head, minimum sale quantity: 500 items
- Shades: ETANCO colour chart, see pages 18 to 21
- **Façade application:**
 - Fastening flat products in compliance with most of the technical assessments delivered to the manufacturers

more products

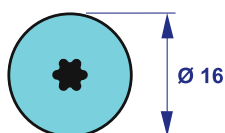
- Stainless steel bit holder with magnetic clip (code 323 105), see page 196
- Torx No.20 screwdriver bit (code 325 090), see page 197
- Fein screwdrivers, see page 194

FASTENING FLAT PRODUCTS on WOOD FRAMES

WOOD SCREW

SCREW WITH POINTED END - DOMED HEAD Ø 16 MM

TORX PATTERN



A2 STAINLESS STEEL



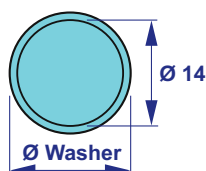
NATURAL head Austenitic stainless steel A2 Aisi 304 Resistance to corrosion > 30 Kesternich cycles		PAINTED head Austenitic stainless steel A2 Aisi 304 Resistance to corrosion > 30 Kesternich cycles	
TORX PANEL WOOD TB 16 A2 SS - Natural		TORX PANEL WOOD TB 16 A2 SS - Painted	
Packaging	Code	Packaging	Code
100	33 132	100	33 144

- Screw with painted head, minimum sale quantity: 500 items
- Shades: ETANCO colour chart, see pages 18 to 21
- **Façade application:**
 - Fastening large format TRESPA panels, thickness 10 or 13 mm

more products

- Stainless steel bit holder with magnetic clip (code 323 105), see page 196
- Torx No.20 screwdriver bit (code 325 090), see page 197
- Fein screwdrivers, see page 194

SCREW WITH POINTED END - EXTRA-FLAT HEAD Ø 14 MM UNDER-HEAD DRIVE



A4 STAINLESS STEEL



NATURAL head Austenitic stainless steel A4 Aisi 316 Resistance to corrosion > 30 Kesternich cycles		PAINTED head Austenitic stainless steel A4 Aisi 316 Resistance to corrosion > 30 Kesternich cycles	
S-TET WOOD A4 SS - Natural		S-TET WOOD A4 SS - Painted	
Packaging	Code	Packaging	Code
100	265 052	100	265 053
100	265 054	100	265 055
100	265 056	100	265 057
100	265 060	100	265 061
100	265 062	100	265 063
100	265 064	100	265 065

- Screw with painted head, minimum sale quantity: 500 items
- Shades: ETANCO colour chart, see pages 18 to 21
- **Façade application:**
 - Fastening pre-drilled panels (see technical assessment) on wood rafters

more products

- S-TET GRIPP socket + Depth stop, see page 195
- Fein screwdrivers, see page 194

WOOD SCREW

SELF-DRILLING SCREW - DRILL TIP
COUNTERSUNK HEAD - TORX PATTERN
For fibre-cement slats



A2 STAINLESS STEEL

A2-50 austenitic stainless steel

VBU AP TF Tx20/A2 SS



Ø x L	Head Ø	Indentation	Packaging	Code
4.5 x 45	8.6	Tx 20	200	306 133

• **Façade application:**

- Fastening fibre-cement slats on wood rafters

more products

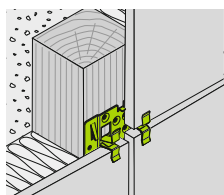
- Stainless steel bit holder with magnetic clip (code 323 105), see page 196
- Torx No.20 screwdriver bit (code 325 090), see page 197
- Fein screwdrivers, see page 194

FASTENING TILES on WOOD FRAMES

BASIC SYSTEM

WITH SEPARATE CLIP TO CLIP ON - NOT MOUNTED

For façade tile thickness 10.5 mm



STAINLESS STEEL

Austenitic Stainless Steel
Aisi 301 E2

AL'AGRAFE CENTRAL NM

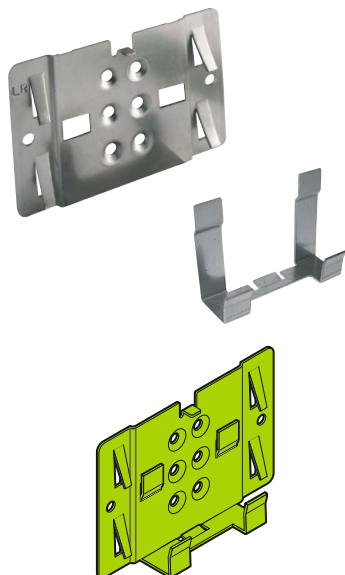
Model	Quality	For tile th.	Packaging	Code
Base only	Natural stainless steel	10.5	100	366 931
Clip	Natural stainless steel	10.5	100	366 933
Base only	Painted stainless steel*	10.5	100	366 936
Clip	Painted stainless steel*	10.5	100	366 937

(*) Painted black base - Painted clip, all RAL shades

- Basic system to which the retaining clip for the façade tile clips on
- Shades: ETANCO colour chart, see pages 18 to 21
- AL'AGRAFE for tiles, other thicknesses upon request. Contact us.
- Each AL'AGRAFE is used with 2 VBU screws
- **Façade application:**
 - Fastening façade tiles thickness 10.5 mm on wood rafter frames

WITH SEPARATE CLIP TO CLIP ON - NOT MOUNTED

For façade tile thickness 10.5 mm



STAINLESS STEEL

Austenitic Stainless Steel
Aisi 301 E2

AL'AGRAFE START & END NM

Model	Quality	For tile th.	Packaging	Code
Base only	Natural stainless steel	10.5	100	366 911
Clip	Natural stainless steel	10.5	100	366 913
Base only	Painted stainless steel*	10.5	100	366 916
Clip	Painted stainless steel*	10.5	100	366 917

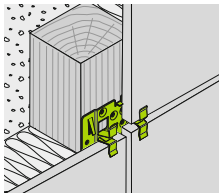
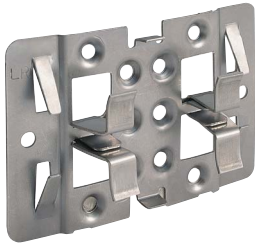
(*) Painted black base - Painted clip, all RAL shades

- Basic system to which the retaining clip for the façade tile clips on
- Shades: ETANCO colour chart, see pages 18 to 21
- AL'AGRAFE for tiles, other thicknesses upon request. Contact us.
- Each AL'AGRAFE is used with 2 VBU screws
- **Façade application:**
 - Fastening façade tiles thickness 10.5 mm on wood rafter frames

more products

- VBU stainless steel 4x30 (code 30 065), see page 84

BASIC SYSTEM WITH PREMOUNTED CLIP For façade tile thickness 10.5 mm



STAINLESS STEEL

Austenitic Stainless Steel
Aisi 301 E2

**AL'AGRAFE
CENTRAL Mounted**

Model	Quality	For tile th.	Packaging	Code
Base + clip	Natural stainless steel	10.5	100	366 940
Base + clip	Painted stainless steel*	10.5	100	366 941

(*) Painted black base - Painted clip, all RAL shades

- AL'AGRAFE for tiles, other thicknesses upon request. Contact us.
- Shades: ETANCO colour chart, see pages 18 to 21
- Each AL'AGRAFE is used with 2 VBU screws
- **Façade application:**
 - Fastening façade tiles thickness 10.5 mm on wood rafter frames

WITH ONE-PIECE CLIP For façade tile thickness 10.5 mm



STAINLESS STEEL

Austenitic Stainless Steel
Aisi 301 E2

AL'AGRAFE 1/2

Model	Quality	For tile th.	Packaging	Code
One-piece	Natural stainless steel	10.5	100	366 952
One-piece	Painted stainless steel*	10.5	100	366 953

(*) Fully painted part: All RAL shades

- AL'AGRAFE for tiles, other thicknesses upon request. Contact us.
- Shades: ETANCO colour chart, see pages 18 to 21
- Each AL'AGRAFE is used with 2 VBU screws
- **Façade application:**
 - Fastening façade tiles thickness 10.5 mm on wood rafter frames

more products

- VBU stainless steel 4x30 (code 30 065), see page 84

FASTENING TILES on WOOD FRAMES

BASIC SYSTEM

WITH PREMOUNTED CLIP

For façade tile thickness 10.5 mm



STAINLESS STEEL

Austenitic stainless steel
Aisi 301 E2

AL'AGRAFE
START & END MOUNTED

Model	Quality	For tile th.	Packaging	Code
Base + Clip	Natural stainless steel	10.5	100	366 920
Base + Clip	Painted stainless steel*	10.5	100	366 921

(*) Painted black base - Painted clip, all RAL shades

- AL'AGRAFE for tiles, other thicknesses upon request. Contact us.
- Shades: ETANCO colour chart, see pages 18 to 21
- Each AL'AGRAFE is used with 2 VBU screws
- **Façade application:**
 - Fastening façade tiles thickness 10.5 mm on wood rafter frames

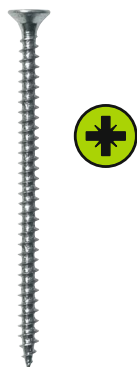
more products

- VBU stainless steel 4x30 (code 30 065), see page 84

PARTICLE-BOARD SCREW

90° COUNTERSUNK HEAD - POZIDRIV PATTERN

For fastening clips onto wood frames



A2 STAINLESS STEEL

Austenitic stainless steel
A2 Aisi 304

VBU TF/In A2

Ø x L	Indentation	Packaging	Code
4 x 30	PZ 2	200	30 065

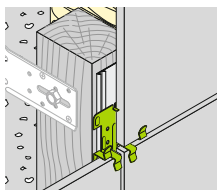
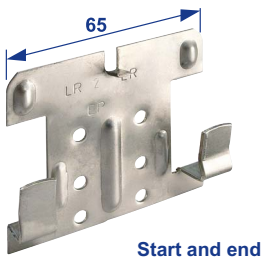
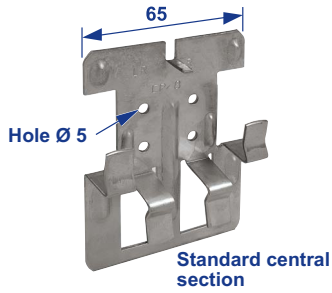
more products

- Stainless steel bit holder with magnetic clip (code 323 105), see page 196
- Pozidriv No.2 cruciform bit (code 325 010), see page 197

STAMPED PLATE

REDUCED WIDTH 65 MM WITH RETAINING LUGS

Profiles the same thickness as the façade panel



A2 STAINLESS STEEL

Austenitic stainless steel
A2 Aisi 304 - Th. 10/10th

PAT'AGRAF PR 65

Model	Quality	For tile th.	Packaging	Code
Standard central section	Natural stainless steel	8	100	366 820
Standard central section	Stainless steel	11	100	366 564
Standard central section	Painted stainless steel*	8	100	366 815
Standard central section	Painted stainless steel*	11	100	366 565
Half-left	Natural stainless steel	8	100	366 820
Half-left	Natural stainless steel	11	100	366 584
Half-left	Painted stainless steel*	8	100	366 825
Half-left	Painted stainless steel*	11	100	366 585
Half-right	Natural stainless steel	8	100	366 830
Half-right	Natural stainless steel	11	100	366 604
Half-right	Painted stainless steel*	8	100	366 835
Half-right	Painted stainless steel*	11	100	366 605
Start and end	Natural stainless steel	8	100	366 840
Start and end	Natural stainless steel	11	100	366 624
Start and end	Painted stainless steel*	8	100	366 845
Start and end	Painted stainless steel*	11	100	366 625

(*) Fully painted part: All RAL shades

- Each PAT'AGRAF is used with 2 VBU screws
- **Façade application:**
 - Fastening façade tiles thickness 10.5 mm on wood rafter frames

more products

- VBU stainless steel 4x30 (code 30 065), see page 84

FLEXIBLE CLADDING SEALS

FLEXIBLE SEAL WITH NO LIP

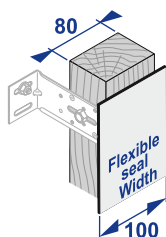
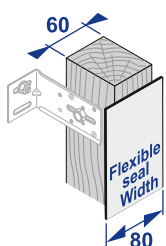


Black EPDM
Thickness ± 0.75 mm

FLEXIBLE SEAL WITH NO LIP/EPDM

Width	Colour	Packaging (m)	Code
80	Black	50	366 536
100	Black	50	366 540

- Compliant with the CSTB 3316 technical specifications
- The flexible seal must overlap on each side of the wood rafter: 10 mm on each side
- Black: Better aesthetic result when fitting openwork cladding
Good UV resistance
- **Façade application:**
 - Flexible seal with no lip to attach to the rafter between it and the façade cladding.



White PVC
Thickness 5/10th

FLEXIBLE SEAL WITH NO LIP / WHITE PVC

Width	Colour	RAL	Packaging (m)	Code
80	White	9010	50	366 520
100	White	9010	50	366 524

Black PVC
Thickness 5/10th

FLEXIBLE SEAL WITH NO LIP / BLACK PVC

Width	Colour	RAL	Packaging (m)	Code
80	Black	9011	50	366 523
100	Black	9011	50	366 527
120	Black	9011	50	366 531

FLEXIBLE WITH LIP

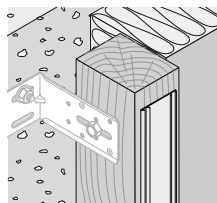


Coloured PVC

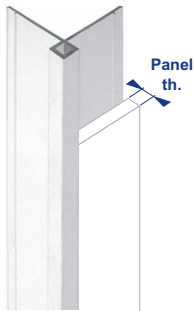
FLEXIBLE SEAL with LIP

Width	Colour	Packaging (m)	Code
38	Black	50	366 500
38	Grey	50	366 505
60	White	50	366 510
60	Black	50	366 512
60	Grey	50	366 516
60	Brown	50	366 514

- Compliant with the CSTB 3316 technical specifications
- **Façade application:**
 - Flexible seal with lip to attach to the rafter between it and the façade cladding.



RIGID PROFILE EXTERNAL CORNER PROFILE - LENGTH 3 METRES

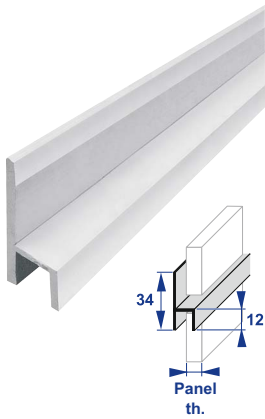


Rigid coloured PVC C			
P.A.S.			
For panel th. (mm)	Colour	Packaging *	Code
6	White	30	366 708
6	Black	30	366 718
6	Grey	30	366 709
10	White	30	366 719
10	Black	30	366 723
10	Grey	30	366 721

(*) Packaging: 1 Bundle of 10 x 3 metres, non-divisible

- **Façade application:**
 - Aesthetic corner profile

HORIZONTAL PROFILE - LENGTH 2.5 METRES

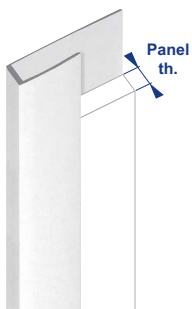


Rigid coloured PVC C			
P.H.			
For panel th. (mm)	Colour	Packaging *	Code
6	White	50	366 747
6	Black	50	366 749
6	Grey	50	366 748
8	White	50	366 750
8	Black	50	366 769
8	Grey	50	366 751
10	White	50	366 771
10	Black	50	366 777
10	Grey	50	366 775

(*) Packaging: 1x 50-metre bundle: 20 x 2.5 metres, non-divisible

- **Façade application:**
 - Aesthetic horizontal profile

U-SHAPED CAPPING PROFILE - LENGTH 2.5 METRES



Rigid coloured PVC			
P.U.			
For panel th. (mm)	Colour	Packaging *	Code
10	White	25	366 670

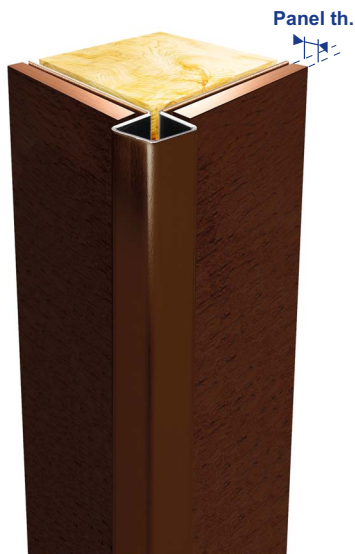
(*) Packaging: 1 Bundle of 10 x 2.5 metres, non-divisible

- **Façade application:**
 - Aesthetic capping profile

CAPPING PROFILE

ALUMINIUM PROFILE

EXTERNAL CORNER PROFILE - LENGTH 3 METERS



ALUMINIUM

Painted aluminium
Thickness 1 mm

P.A.S.
Al/PrL

For panel th. (mm)	Packaging (m) *	Code
10	30	611 700
15	30	611 702
20	30	611 704

(*) Packaging: 1 Bundle of 10 x 3 metres, non-divisible

- Standard colours: RAL 1013 / 1015 / 7016 / 7035 / 9001 / 9007 / 9010 / 9016
Painting in other RAL and other widths upon request
- **Façade application:**
 - Aesthetic corner profile

INTERNAL CORNER PROFILE - LENGTH 3 METERS



ALUMINIUM

Painted aluminium
Thickness 1 mm

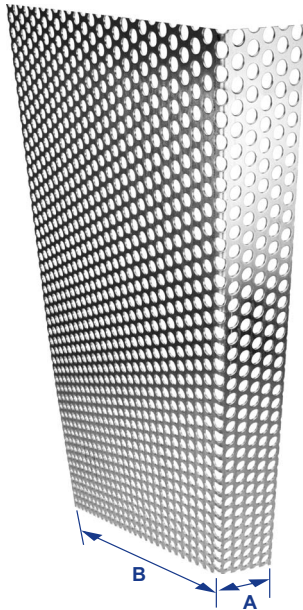
P.A.R.
Al/PrL

For panel th. (mm)	Packaging (m) *	Code
10	30	611 710
15	30	611 712
20	30	611 714

(*) Packaging: 1 Bundle of 10 x 3 metres, non-divisible

- Standard colours: RAL 1013 / 1015 / 7016 / 7035 / 9001 / 9007 / 9010 / 9016
Painting in other RAL and other widths upon request
- **Façade application:**
 - Aesthetic corner profile

ANTI-RODENT GRID LENGTH 2.5 METRES



ALUMINIUM

Aluminium

ANTI-RODENT GRID
Alu

A	B	Packaging (m)	Code
40	100	2.5	668 090
40	120	2.5	668 091
40	140	2.5	668 092
40	160	2.5	668 093
40	180	2.5	668 094
40	200	2.5	668 095
40	220	2.5	668 096
40	240	2.5	668 097

- Other lengths available on request
- Compliant with the CSTB 3316 technical specifications
- **Façade application:**
 - Starting profile for ventilated façade

more products

- TAP-LARGE 6/10x40 anchor (Zn code 359 130 or A2 SS code 359 091), see page 169
- Concrete drill bits, see page 204