



VEDA FRANCE

Joints bâtiment - Building joints



# JOINT COVERS

## Presentation

The clips affixed joint covers are designed to provide an attractive and decorative low cost solution to the problem of protecting and concealing expansion joints in the

structure of a building.

They are suitable for use in new and refurbishment projects for walls, ceilings and floors.

Fast and easy to install,

the clips affixed joint covers are

produced in aluminium, PVC

and brass extrusions. They

will successfully span joints

up to 150 mm in all types of

buildings: office buildings,

shopping centres, schools,

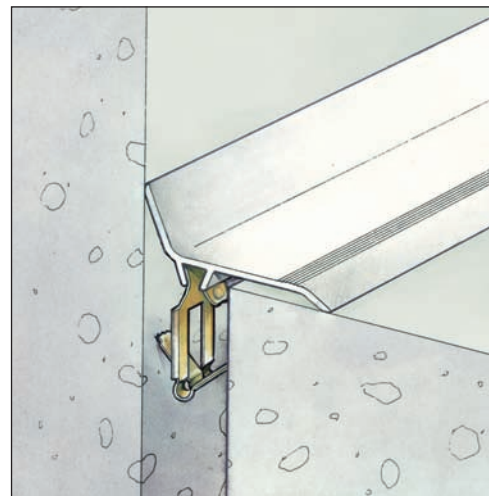
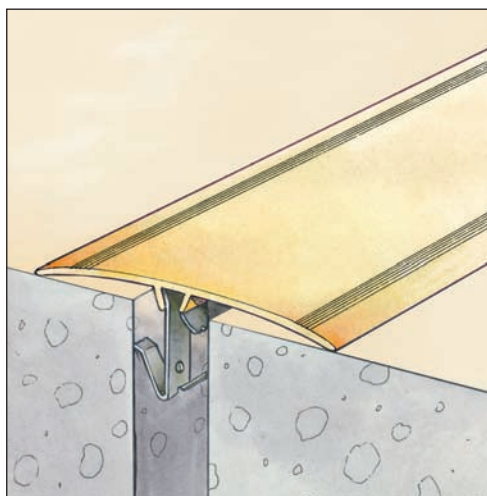
hospitals, hotels, blocks of flats,

retail development, food stores,

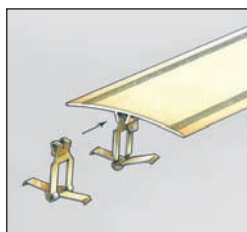
municipal buildings, leisure

centres, factories, airport

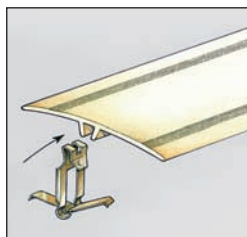
terminals, rail terminals, etc...



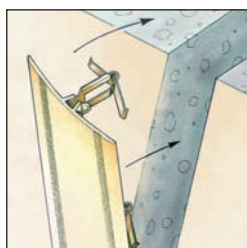
## CLIPS AFFIXED JOINT COVERS FOR STANDARD AND SEISMIC STRUCTURAL MOVEMENT JOINTS



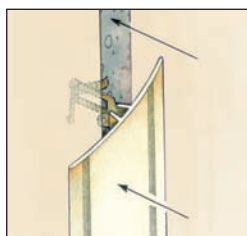
1. Insert a fastening clip



2. Insert head of the following clip alternatively



3. Push firmly into joint



4. Clips affixed joint cover in place

### Extruded Aluminium

The extruded aluminium clips affixed joint covers for expansion joints can be used for exteriors and interiors. They are manufactured from 6063 T6 Aluminium alloy and can be finished with a 15 micron thick natural (colourless) anodising layer.

They are available from stock in 3 meters lengths and following widths:

#### Flat models :

- 50 mm, 60 mm, 70 mm, 90 mm, 120 mm, 140 mm, 180 mm and 210 mm

#### Angle models :

- 50 mm, 60 mm, 70 mm, 90 mm and 120 mm

Aluminium clips affixed joint cover can also be supplied powder-coated, upon request, in any RAL colour.

All models can be supplied mill or anodised finished.

Non standard lengths and drilled profiles can be supplied on special orders.

\*Please contact us for quantities and conditions.

### Extruded PVC

The extruded PVC clips affixed joint covers can be used for exteriors and interiors. The colours white RAL 9016, cream RAL 1015 and grey RAL 7035 are available from stock in lengths of 3 meters and in 50 mm, 70 mm and 90 mm wide, flat and angle models.

Please contact us for any special model or colour.

### Extruded Brass

The extruded brass clips affixed joint covers are manufactured from CW 620 N (ASTM C 38000) alloy. They are available from stock in lengths of 3 meters and in 90 mm wide, flat model only. Polishing can be made upon request.



**Clips S :** will affix profiles onto structural gaps varying in widths between 10 mm and 35 mm

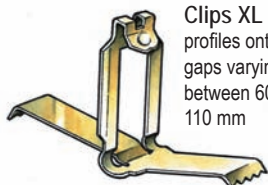


**clip L**  
2 models

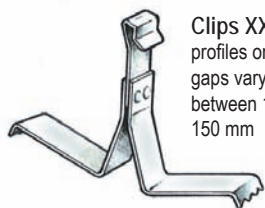
**Clips L :** will affix profiles onto structural gaps varying in widths between 35 mm and 70 mm



**Clips L \***

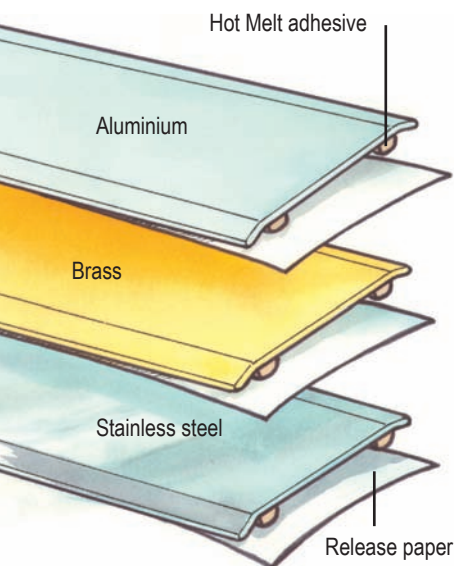


**Clips XL \*:** will affix profiles onto structural gaps varying in widths between 60 mm and 110 mm



**Clips XXL \*:** will affix profiles onto structural gaps varying in widths between 100 mm and 150 mm

\* patented models



## Choice of clips affixed joint covers

The extruded clips affixed joint covers will successfully cover joints from 10 mm to 150 mm and are affixed by using specially developed spring clips.

The flat joint covers for façades, walls and ceilings are referenced as W profiles.

The flat joint covers for light floors and heavy duty floors are respectively referenced as LF and F profiles.

The F profiles (F 060, F 070) have been developed to withstand heavy pedestrian traffic and light vehicles up to a maximum axle load of 6 kN.

The letter E always denotes a corner profile: EW - ELF.

The number which follows the letter(s) always indicates the width of the joint covers in mm.

## Fixing clips

The joint covers can be affixed by using specially designed spring clips manufactured from tempered stainless steel which do not corrode and remain permanently flexible without loss of back pressure, thus providing an extremely positive fixing.

Fixing clips do not require any additional fixing such as sealant or screws and plugs attachments. 4 models of fixing clips are available from stock and are used in accordance with the width of the structural gap.

\* These unique and particularly innovative clips are protected by international patents.

Special models can be studied and manufactured for specific situations such as chamfered joints. Please consult our technical department for more details.

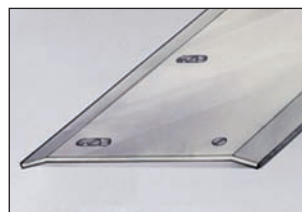
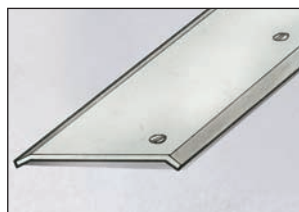
RAL colours



## FOLDED JOINT COVERS

The folded joint covers for façades, walls and ceilings, are used when a clips affixed profile cannot be installed. They can be fixed using silicone, polyurethane or MS polymer sealant or mechanically fixed using screws and plugs.

The folded joint covers for floors are designed for heavy duty traffic floors. They have to be mechanically or chemically fixed. Please contact us for assistance.



The range of folded joint covers is available in galvanised steel ; mill finish aluminium ; powder coated aluminium ; anodised aluminium ; stainless steel and in thickness varying from 5/10 mm to 30/10 mm.

## ADHESIVE JOINT COVERS

The range of adhesive joint covers is adapted for concealing joints mainly in walls and floor where limited movements are expected. They are not recommended for exterior use.

### • Silver anodised ALUMINIUM

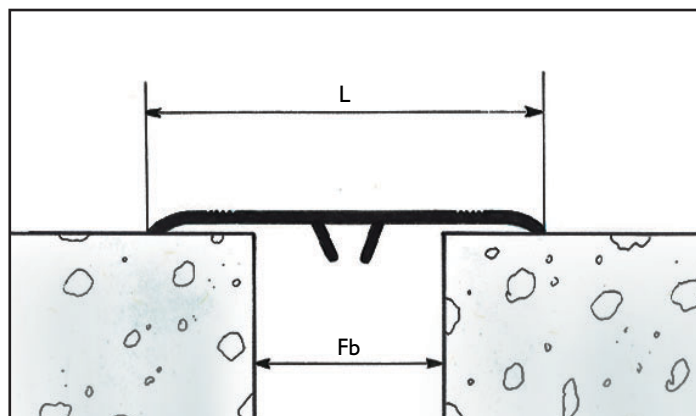
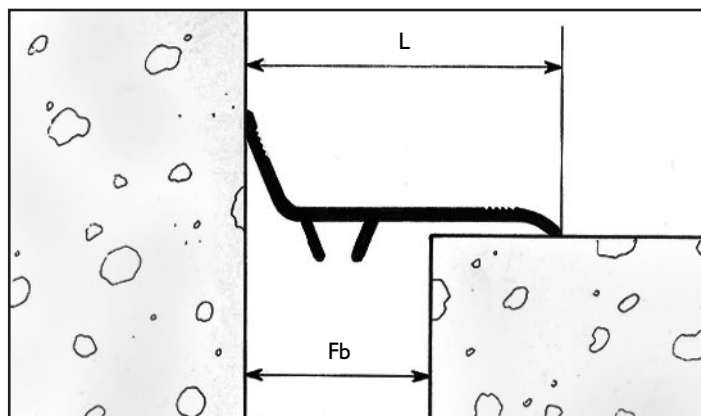
The adhesive silver anodised aluminium joint covers are available in 60, 80 and 100 mm wide. They are supplied in standard lengths of 3 meters.

### • Polished BRASS with protection film

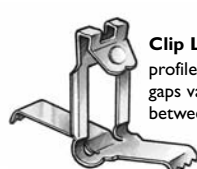
The adhesive polished brass joint covers are available in 50, 60, 80 and 100 mm wide. They are supplied in standard lengths of 3 meters, and 13/10 mm thickness.

### • Polished STAINLESS STEEL with protection film

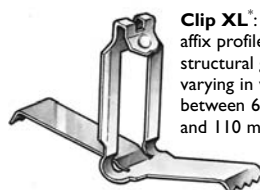
The adhesive polished stainless steel joint covers are available in 50, 60, 80 and 100 mm wide. They are supplied in standard lengths of 3 meters and 12/10 mm thickness.



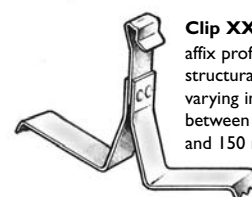
**Clip S\***: will affix profiles onto structural gaps varying in widths between 10 mm and 35 mm



**Clip L\***: will affix profiles onto structural gaps varying in widths between 35 mm and 70 mm



**Clip XL\***: will affix profiles onto structural gaps varying in widths between 60 mm and 110 mm



**Clip XXL\***: will affix profiles onto structural gaps varying in widths between 100 mm and 150 mm

\* Patented models

Joint width Fb (mm)	Flat joint covers L (mm)	Angle joint covers L (mm)	Recommended clip	Number of clips by length of 3 lm	
				Wall / Ceiling	Floor
10 - 35	W - LF 050	EW - ELF 050	S	4	10
20 - 40	W - LF - F 060	EW - ELF 060	S / L	4	10
35 - 50	W - LF - F 070	EW - ELF 070	S / L	4	10
40 - 70	W - LF 090	EW - ELF 090	L / XL	4	10
60 - 90	W - LF 120	EW - ELF 120	L / XL	4	10
80 - 110	W - LF 140		XL	4 / 5	10
100 - 130	W - LF 180		XL / XXL	4 / 5	10
120 - 150	W - LF 210		XXL	4 / 5	10

Note: The above table indicates the minimum width of joint cover (L dimension) recommended according to the initial width of the structural gap (Fb). A 70 mm wide joint cover is recommended to cover a structural gap of 35-50 mm. Of course a joint cover wider than 70 mm can also be used: 90 mm, 120 mm, 140 mm, 180 mm, 210 mm. In order to avoid any mistake, it is important to check that the selected models of joint covers and clips are adapted to the concerned situation on job site.

#### NUMBER OF CLIPS FOR ALUMINIUM JOINT COVERS:

Wall / Ceiling: it is recommended to use minimum 4 clips per 3 lm length (joint covers ref. W and EW). Extra clips may be needed for fixing onto ceilings and irregular walls.

Floor: it is recommended to use minimum 10 clips per 3 lm length (joint covers ref. LF, F and ELF)

#### CHEMICAL COMPOSITION OF ALUMINIUM ALLOY 6063 T6

%	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others
Minimum	0.20				0.45				
Maximum		0.35	0.10	0.10	0.90	0.10	0.10	0.10	0.05

#### TYPICAL PHYSICAL PROPERTIES

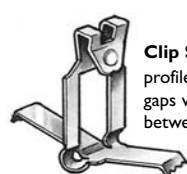
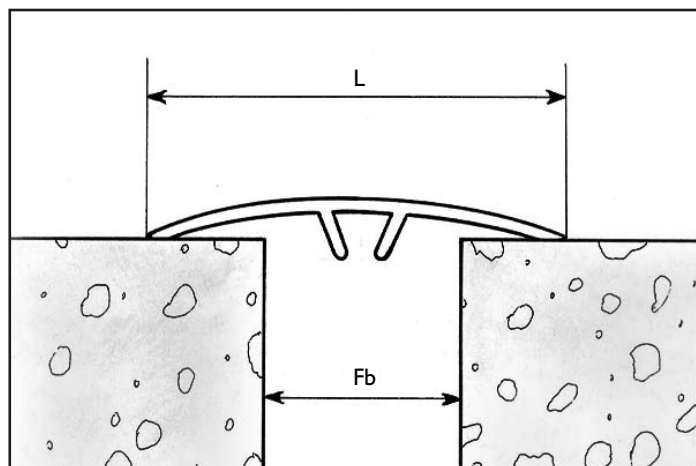
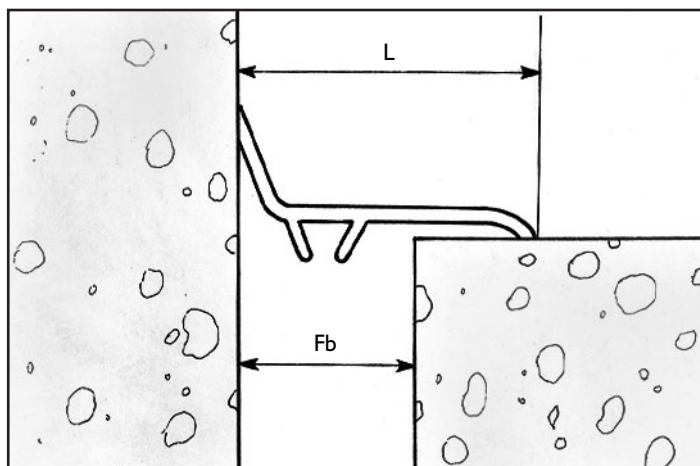
Density g/cm <sup>3</sup>	2.70
Melting range °C	615-655
Coefficient of linear expansion (0 to 100°C) - °C <sup>-1</sup> × 10 <sup>6</sup>	23.4
Poisson ratio	0.33
Thermal conductivity	200
Resistivity at 20°C - μl Ω cm	3.3
Specific heat J / kg °C	940

#### MECHANICAL PROPERTIES AT ROOM TEMPERATURE

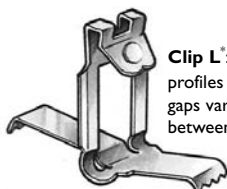
Temper	T6	
Strength index	R19	
<b>Tensile properties</b>		
Rp 0.2 mini	Rm mini	A 5.65
0.2%min.	UTS min.	% mini
MPa	MPa	
160	185	8

#### CERTIFICATIONS :

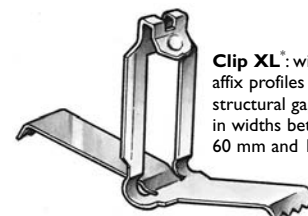
- extruded aluminium: manufactured in compliance with BS EN ISO 9001. Anodising according to BS 1615 and BS 3987
- Stainless steel clips: certifications ISO 14001 - ISO/TS 16949 - ISO 9001



**Clip S<sup>\*</sup>**: will affix profiles onto structural gaps varying in widths between 10 mm and 35 mm



**Clip L<sup>\*</sup>**: will affix profiles onto structural gaps varying in widths between 35 mm and 70 mm



**Clip XL<sup>\*</sup>**: will affix profiles onto structural gaps varying in widths between 60 mm and 110 mm

\* Patented models

Joint width Fb (mm)	Flat joint covers L (mm)	Angle joint covers L (mm)	Recommended clip	Number of clips by length of 3 lm	
				Wall / Ceiling	Pedestrian Floor
10 - 35	W - LF 050	EW - ELF 050	S	5	10
20 - 40	W - LF 060	EW - ELF 060	S / L	5	10
35 - 50	W - LF 070	EW - ELF 070	S / L	5	10
40 - 70	W - LF 090	EW - ELF 090	L / XL	5	10

The colours white RAL 9016, cream RAL 1015 and grey RAL 7035 are available from stock in lengths of 3 meters and in 50 mm, 70 mm and 90 mm wide, flat and angle models. In order to avoid any mistake, it is important to check that the selected models of joint covers and clips are adapted to the concerned situation on job site.

TECHNICAL CHARACTERISTICS		TEST METHOD
Density	1.52 g/cm <sup>3</sup>	DIN 53479
Vicat fusion point	80°C	DIN 53460/B
Modulus of elasticity	3200 N/mm <sup>2</sup>	DIN 534457
Tensile strength	65 N/mm <sup>2</sup>	DIN 53455
Ball hardness	120 N/mm <sup>2</sup>	DIN 53446
Water absorption	0.04 %	DIN 53495
Bending stress	92 N/mm <sup>2</sup>	DIN 53452
Elongation	65 %	DIN 53455
Notch impact strength at 23 °C	5.5 KJ/m <sup>2</sup>	DIN 53453
Linear tolerance	+/- 0.7 %	DIN 16941
Linear expansion coefficient	8 x 10 <sup>-5</sup> K <sup>-1</sup>	DIN 53752
Fire resistance	B2	

PVC joint covers do not contain any lead, cadmium, formaldehyde and are suitable for exterior use.

The clips affixed PVC joint covers are made without any recycled material, according to the latest available technology.

## CERTIFICATIONS :

- PVC: manufactured in compliance with ISO 9001
- Stainless steel clips: certifications ISO 14001 – ISO/TS 16949 – ISO 9001





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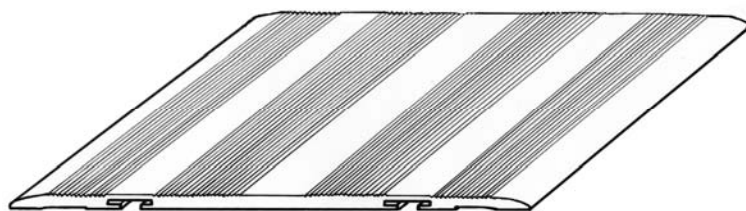
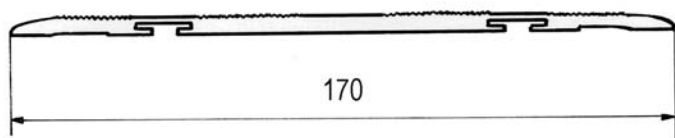
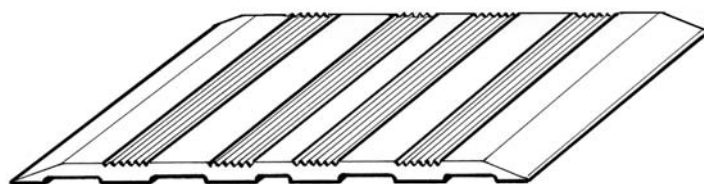
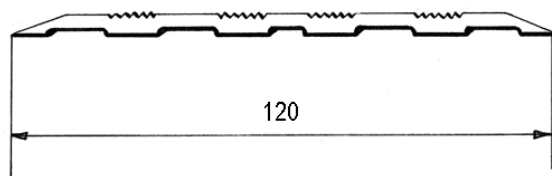
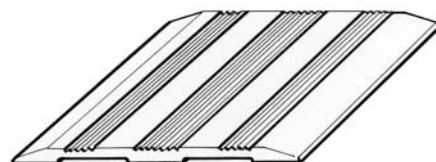
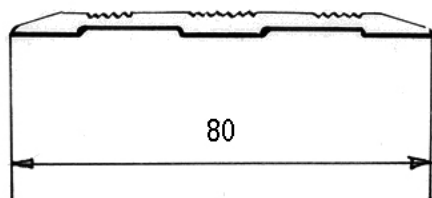
Joints bâtiment - Building joints

# COUVRE-JOINTS Antidérapant, trafic intense

## JOINT COVER Heavy traffic, antislip



### Série GT



Présentation	Couvre-joint de dilatation trafic intense	Heavy traffic joint cover
Emplois / Uses	Centres commerciaux, écoles, hôpitaux, bureaux, gares, aéroports, etc...	Commercial centers, schools, hospitals, office buildings, rail terminals, airports, etc...
Composition / Material	Profilé antidérapant en aluminium extrudé alliage AGS 6060 T5 Finition : brut ou anodisé argent GT 80 / GT 120 : anodisé 5 µ (microns) GT 170 : anodisé 15 µ	Antislip extruded aluminium alloy AGS 6060 T5 Mill or silver anodized finish GT 80 / GT 120 : anodized 5 µ GT 170 : anodized 15 µ
Fixation / Fixing	VED-Poxy : scellement chimique pur Epoxy ou Vis Ø 3,5 x 35 mm - Chevilles Ø 5 x 25 mm Perçage tous les 30 cm ou 2 bandes hot melt épaisseur 2 mm.	VED-Poxy, pure epoxy sealant. or Screws Ø 3,5 x 35 mm - Plug Ø 5 x 25 mm Drilling every 30 cm or Hot melt adhesive strips: thickness 2 mm use 2 strips
Longueur standard / Standard length	3 ml	3 meters



VEDA FRANCE

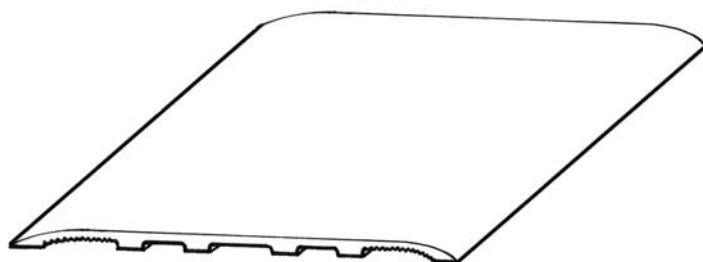
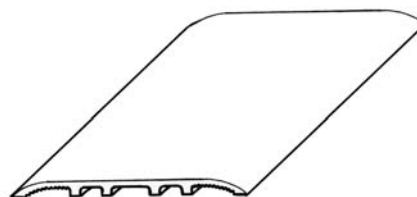
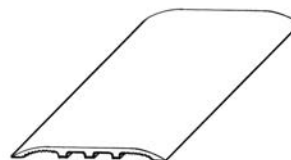
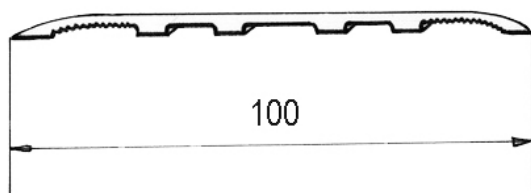
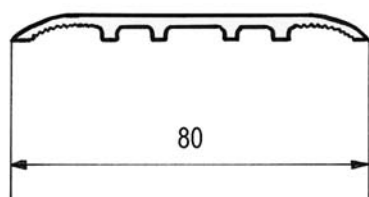
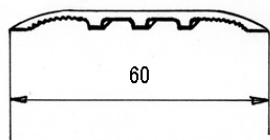
Joints bâtiment - Building joints

# COUVRE-JOINTS Trafic moyen

## JOINT COVER Regular traffic



### Série MT



Présentation	Couvre-joint de dilatation moyen trafic	Regular traffic joint cover
Emplois / Uses	Centres commerciaux, écoles, hôpitaux, bureaux, gares, aéroports, etc...	Commercial centers, schools, hospitals, office buildings, rail terminals, airports, etc...
Composition / Material	Profilé en aluminium extrudé, alliage AGS 6060 T5 anodisé naturel incolore, épaisseur : 5 µ (microns)	Extruded aluminium profile Alloy AGS 6060 T5 5 µ thick silver anodising layer
Fixation / Fixing	VED-Poxy : scellement chimique pur Epoxy ou Vis Ø 3,5 x 35 mm - Chevilles Ø 5 x 25 mm Perçage tous les 30 cm ou 2 bandes hot melt épaisseur 2 mm.	VED-Poxy, pure epoxy sealant. or Screws Ø 3,5 x 35 mm - Plug Ø 5 x 25 mm Drilling every 30 cm or Hot melt adhesive strips: thickness 2 mm use 2 strips
Longueur standard / Standard length	3 ml	3 meters



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Joints bâtiment - Building joints

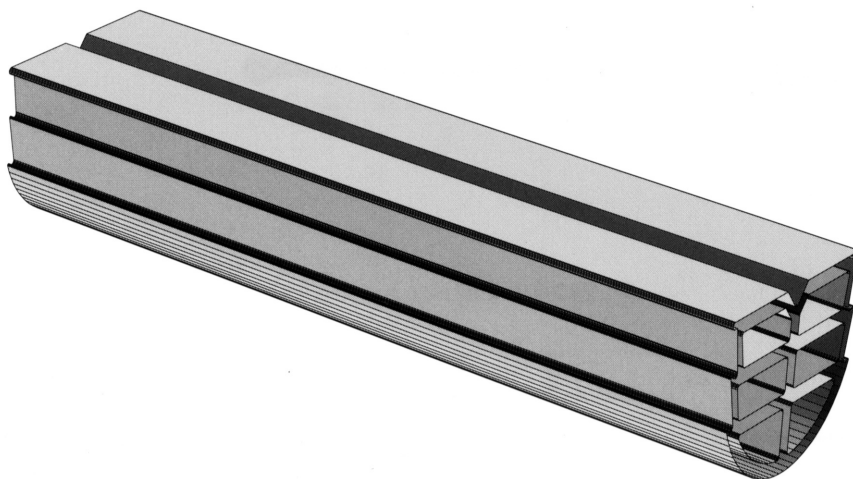
## Profils souples d'obturation Compression profiles



### Série KLM

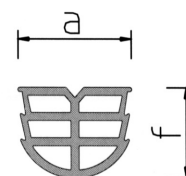
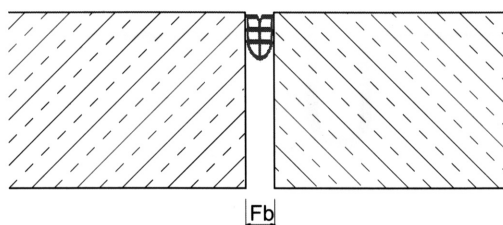
#### PRESENTATION

Profils souples à encastrer  
(pouvant être collés) pour la  
réalisation rapide et économique  
de joints verticaux et horizontaux,  
extérieurs ou intérieurs.



#### PRESENTATION

Compression profile (to be  
glued or not) for the easy  
and economical sealing  
of vertical and horizontal,  
indoor and outdoor joints.



Référence / Profile number	KLM 10	KLM 20	KLM 25	KLM 30	KLM 40	KLM 50	KLM 60	KLM 70	KLM 80
a [mm] largeur / width	15	20	25	30	40	50	60	70	80
f [mm] hauteur / depth	20	20	27	28	38	45	55	60	70
fb [mm] mini / maxi	7 - 12	12 - 17	17 - 21	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 70

**CARACTÉRISTIQUES :** Les profils KLM et KLP standards sont fabriqués selon la norme DIN 18541, caractérisée par un allongement à la rupture supérieur à 350 %, une excellente résistance aux agents chimiques et au vieillissement, une élasticité permanente comparable à celle du caoutchouc.

**CHARACTERISTICS :** KLM and KLP compression profiles are manufactured according to the DIN 18541 standard : elongation at break > 350 %, excellent resistance to chemicals and to ageing, permanent elasticity equivalent to that of natural rubber.



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Joints bâtiment - Building joints

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## Série KLP

### UTILISATION

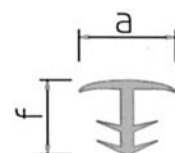
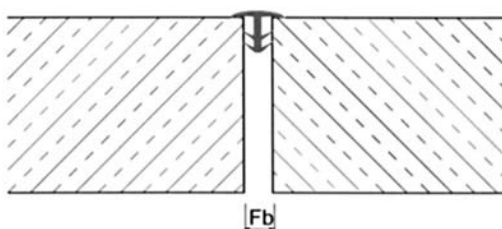
En fonction de conditions particulières d'utilisation telles que résistance aux huiles et bitume, sollicitations importantes avec températures extrêmes, risque d'incendie, innocuité physiologique, les profilés KLM et KLP peuvent être fabriqués à partir de matières premières spécifiques selon DIN 7865, ASTM D638, ASTM D746.

### CONDITIONS OF USE

Depending on conditions of use such as resistance to oils and bitumen, large movements at extreme temperatures, fire resistance, physiologically safe, the KLM and KLP profiles can be manufactured from selected raw materials according to DIN 7865, ASTM D638 and ASTM D746.



KLP 15/20/25/35/50/90



KLP 15/20/35/50/90



KLP 30



EKLP 35/60 ANGLE CORNER



KLP 10/40/60

Référence / Profile number	KLP 10	KLP 15	KLP 20	KLP 25	KLP 30	KLP 35	KLP 40	KLP 50	KLP 60	KLP 90	EKLP 35 ANGLE CORNER	EKLP 60 ANGLE CORNER
a [mm] largeur / width	17	20	25	30	50	35	60	50	60	90	40	90
f [mm] hauteur / depth	20	20	25	30	35	35	40	40	50	60	35	50
fb [mm] mini / maxi	7-12	9-15	13-17	17-22	19-25	19-25	20-35	25-34	25-30	35-42	19-25	25-30

**COULEUR** : Noir ou gris. Egalement possible dans toutes les teintes RAL ou selon échantillon spécifique. Nous consulter.

**COLOUR** : Black or grey. Other colours available according to the RAL chart of colours or to match with specific sample. Please consult us.

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