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Profiles for wooden and laminate floors

Unisystem® Plus
Unisystem®

Description

UNISYSTEM® PLUS and UNISYSTEM® are two professional systems for floating wood and laminate floors, allowing them to expand as required.

Both systems feature a natural aluminium base profile and covers performing a different function:

- transition profiles for level floors;
- profiles for floors at different heights, covering the difference in depths; end trims around wood or laminate floors;
- perimeter profiles to provide a joint between the floor and the covering;
- stair nosings.

UNISYSTEM® PLUS, the next stage in the UNISYSTEM® system, featuring the addition of special teflon plugs which make it easier to fit the cover profile or remove it when repairing/maintaining the floor.
Both systems are easy to lay, have minimum depth cover strips, are dimensionally stable, can be used for floors from 6.5 to 22.6mm (UNISYSTEM® PLUS) and from 6.5 to 15mm (UNISYSTEM®), and come in a variety of decorative finishes (5 anodised, 57 wood motifs).
In both systems, the base profiles are either bolted or stuck (PP/96) to the concrete sub-floor.
Anodized titanium aluminium models are not recommended for use in exterior environments.
The Alcrom® Plus film which the profiles are coated in does not contain formaldehyde (UNI EN 717-2 1996:1996), easily supports humid environments (water absorption <1% UNI EN ISO 62:2008), withstands cold liquids (UNI EN 12720:2009), collision and abrasion AC3 (EN 13329/00).

Materials

Natural aluminium

Al-Mg-Si aluminium, heat-treated in T6 (6060 T6).
The profiles are made by extrusion.
The outer surface must be protected from scratches and rubbing. They present a strong resistance to chemical and atmospheric agents. When wet, concrete and its derivatives produce alkaline substances which can corrode metal (forming aluminium hydroxide) when allowed to react with the surface. For this reason, the visible surface of the profile must be quickly and delicately cleaned to remove any concrete, adhesive or grouting substances and detergents.

Anodized aluminium

Al-Mg-Si aluminium, heat-treated in T6 (6060 T6).
The profiles are made by extrusion then anodized with a ≥ 15 µm thick layer.
The outer surface must be protected from scratches and rubbing. They present a strong resistance to chemical and atmospheric agents. When wet, concrete and its derivatives produce alkaline substances which can corrode metal (forming aluminium hydroxide) when allowed to react with the surface. For this reason, the visible surface of the profile must be quickly and delicately cleaned to remove any concrete, adhesive or grouting substances and detergents.
Anodized surfaces can become ruined through wear and foot traffic (profiles used on floors) and the original finish lost as a result.

Alcrom® Plus coated aluminium

Al-Mg-Si aluminium, heat-treated in T6 (6060 T6).
The profiles are extruded then coated with hard-wearing Alcrom® Plus film reproducing the different tones and/or finishes of wood.

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General note on metals

Aluminium and stainless steel are not resistant to all chemical compounds. Consequently, contact with particularly aggressive products like hydrochloric acid (HCl) and phosphoric acid (H3P04) should be avoided.
Products generally used to clean stone, ceramic and porcelain tiles, such as muriatic acid, ammonia and bleach, damage the surface finish on the metal and can cause intense corrosion. Moreover, any residues of concrete, adhesive, detergents and grouting materials must always be removed from the surface of the profiles as quickly and delicately as possible.
If adhesive tape is used to cover the profile, it must not be left any longer than an hour.

Fixing

How to lay Unisystem® Plus

Remove the profiles from the packaging.
Check that the thickness of the flooring to be laid is the same as the dimension of the Unisystem® Plus base profile selected (see label).
Where present, also remove any protection (protective and/or shrink-wrapped film) added to protect the finish on the profile.
Measure the length required and cut the base profile to this length using an appropriate tool.

The base profile can be fixed to the floor using:

- suitable adhesives (like PP/96); in this case, lay the profile, leaving a space to insert the flooring and also for any expansion (approx. 10 mm); press down on the profile to push the previously levelled adhesive up through the holes in the lip, making sure that the area where the profile is to be placed is free of dirt and perfectly clean;
- screws and plugs; in this case, place the profile, cut previously to the right length, in position and use a permanent marker to mark the exact position of the holes on the profile, where holes should be drilled. Remove the profile and drill the floor in the exact positions that you marked previously, being careful to check the exact size of the plugs needed.

Place the plugs into the holes in the floor; replace the profile in the correct position, leaving the space needed to insert the flooring and room for any expansion (approx. 10 mm). Now use suitable screws to secure the profile, making sure that the area under and around the profile is perfectly clean.
Measure the length needed and cut the cover profile to be placed onto the base profile.
Insert the teflon plugs (every 15020cm) into the slots on the underside of the top profile.
Place the top profile on the base, which is already in position, and using a hammer, insert the top profile until it is fully aligned with the floor, remembering to place a wooden plug between the utensil and the profile to avoid damaging it.

How to lay Unisystem®

Remove the profiles from the packaging.
Check that the thickness of the flooring to be laid is the same as the dimension of the Unisystem® base profile selected (see label).
Where present, also remove any protection (protective and/or shrink-wrapped film) added to protect the finish on the profile.
Measure the length required and cut the base profile to this length using an appropriate tool.

The base profile can be fixed to the floor using:

- suitable adhesives (like PP/86); in this case, the profile should be laid and a space left to insert the flooring and also for any movement (approx. 10 mm); press down on the profile to push the previously levelled adhesive up through the holes in the lip, making sure that the area where the profile is to be placed is free of dirt and perfectly clean;
- screws and plugs; in this case, place the profile, cut previously to the right length, in position and use a permanent marker to mark the exact position of the holes on the profile, where holes should be drilled. Remove the profile and drill the floor in the exact positions that you marked previously, being careful to check the exact size of the plugs needed.
  Place the plugs into the holes in the floor; replace the profile in the correct position, leaving the space needed to insert the flooring and room for any expansion (approx. 10 mm). Now use suitable screws to secure the profile, making sure that the area under and around the profile is perfectly clean.
  Measure the length needed and cut the top profile to be placed onto the base profile.
  Place the top profile on the base and using a hammer, insert the top profile until it is fully aligned with the floor, remembering to place a wooden plug between the utensil and the profile to avoid damaging it.

Care and maintenance

Care and maintenance procedures for the materials used to make these profiles depends largely on the type of alloy and/or finish used.
The instructions provided below describe the operations to be performed on the profile to restore it as much as possible to its original condition.

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The purpose of this document is to provide as many general indications as possible to guide you on when and how to clean the product, but they should also be verified on a case-by-case basis.
It should be pointed out there are specific responsibilities in each part of the product's life cycle, starting from when it is installed the first time.

Aluminium

No special maintenance is required and aluminium products can be easily treated with colourless alcohol in a water solution or using ordinary detergents, provided they do not contain acid (hydrochloric or hydrofluoric).
Detergent products made by multiple manufacturers and sold under a variety of commercial brands can generally be used for cleaning.
Generally speaking, there are three types of products:

- Alkaline
- Neutral
- Acid

For cleaning purposes, we recommend using a neutral detergent diluted in water then rinsing with water only, using a non-abrasive sponge and/or cloth to avoid scratching and/or damaging the anodized surface.
During cleaning, the following aspects must be kept in mind at all times:

- Do not use acid or alkaline detergents because they could damage the aluminium;
- Do not use products and/or abrasive materials;
- Do not use organic solvents on painted surfaces;
- Do not use detergents without first checking their chemical composition;
- Do not apply detergents straight onto the surface to be cleaned;
- Surfaces must be “cold” (max T°= 30°C) during cleaning and not exposed to direct sunlight;
- Detergents used in cleaning must also be “cold” (max T° = 30°C) and steam sprays should not be used.

In any case, the final stage in the cleaning process is always sufficient rinsing of the parts treated with water. They must then be immediately dried using soft fabric or leather cloths. Polishes or similar products are not required.
Clean profiles carefully as soon as required, following the instructions on the product package, to prevent any residues of concrete, grout or similar substances from attacking the surface.

Alcrom® Plus coated aluminium

These finishes do not need any special maintenance; they can be easily treated with alcohol diluted in water or using normal detergents, provided they are not acid or alkaline based and also diluted in water; use only water for the final rinse.
Use non-abrasive sponges or cloths which will not scrape the surface.

Fire prevention measures

In the event of fire, use chemical fire extinguishers, dry sand or solid extinguishing agents.

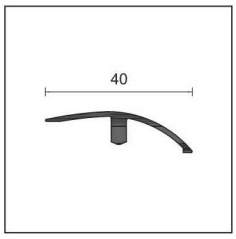
Notes:

These profiles must be handled with caution, being careful to wear suitable gloves to prevent injury and/or cuts to the hands.
The instructions and specifications provided here are the product of our experience but are only a guide, should not be considered exhaustive and must be confirmed by extensive practical applications.
Profilpas declines any responsibility for damage to people or things resulting from improper use of the product.
Users must establish for themselves if the product is suitable for the required used and they bear full responsibility for any incorrect installation of the material.

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Z/1/SF



C/7/SF



S/9/SF

Profiles of 270 cm length: please order the base separately.

UNISYSTEM/ UNISYSTEM PLUS

length = 270 cm - pack 10 pcs

ART.	finishing	Z/1/SF	C/7/SF	S/9/SF
floor thickness from / to mm		6,5/22,6	6,5/10	6,5/22,6
ALUMINIUM covered with ALCROM® PLUS film				
	02	66301	66001	65701
	05	66306	66006	65706
	08	66304	66004	65704
	10	66307	66007	65707
	11	66308	66008	65708
	12	66309	66009	65709
	13	66310	66010	65710
	14	66311	66011	65711
	18	66316	66016	65716
	19	66318	66018	65718
	20	66317	66017	65717
	26	66321	66021	65721
	31	66328	66028	65728
	32	66329	66029	65729
	34	66331	66031	65731
	35	66332	66032	65732
	36	66333	66033	65733
	37	66334	66034	65734
	38	66335	66035	65735
	39	66336	66036	65736
	40	66337	66037	65737
	41	66338	66038	65738
	42	66339	66039	65739
	43	66340	66040	65740
	44	66341	66041	65741
	47	66344	66044	65744
	65	66365	66065	65765
	71	66368	66068	65768
	72	66369	66069	65769
	73	66370	66070	65770
	74	66371	66071	65771
	76	66374	66074	65774
	77	66372	66072	65772
	78	66376	66076	65776
	79	66373	66073	65773
	80	66377	66077	65777
	81	66378	66078	65778
	89	66386	66086	65784

individually packed

UNISYSTEM/ UNISYSTEM PLUS

length = 270 cm - pack 10 pcs

ART.	finishing	Z/1/SF	C/7/SF	S/9/SF
floor thickness from / to mm		6,5/22,6	6,5/10	6,5/22,6
ALUMINIUM covered with ALCROM® PLUS film				
	91	66388	66088	65786
	92	66389	66089	65789
	93	66390	66090	65790
	94	66391	66091	65791
	95	66392	66092	65792
	351	66393	66093	-
	363	66394	66094	-
	372	66395	66095	-
	490	66397	66097	-
	560	66398	66098	-
	580	66399	66099	65793
	590	66400	66100	-
	665	66401	66101	65794
	670	66402	66102	65795
	951	66408	66108	65797
	975	66409	66109	65798
	1024	66410	66110	65799
	1033	66411	66111	65800
	1042	66412	66112	65801
	1090	66414	66114	65803
	1202	66416	66116	65805
	1203	66417	66117	65806
	1204	66418	66118	65807
	1205	66419	66119	65808
	1206	66420	66120	65809
	1207	66421	66121	65810
	1208	66422	66122	65811
	1209	66423	66123	65812
	1210	66424	66124	65813
	1211	66425	66125	65814
	1212	66426	66126	65815
	1213	66427	66127	65816
	1214	66428	66128	65817
	1215	66429	66129	65818
	1216	66430	66130	65819
	1217	66431	66131	65820
	100	66432	66132	-
	black 97	66433	66133	65821

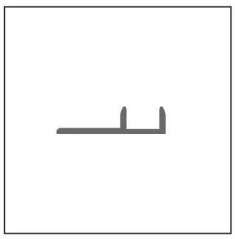
individually packed

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UNISYSTEM/ UNISYSTEM PLUS

length = 270 cm - pack 20 pcs				
ART.	**finishing**	**Z/1/SF**	**C/7/SF**	**S/9/SF**
floor thickness from / to mm		6,5/22,6	6,5/10	6,5/22,6
ANODISED ALUMINIUM				
silver		67217	67007	65680
gold		67227	67017	65685
gold sand		67234	67024	65688
bronze		67237	67027	65690
titanium		67238	67000	65691

Other models for thicker floors available
individually packed

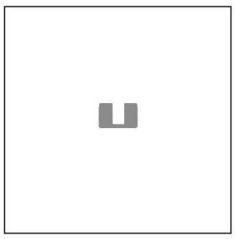


TPU/

UNISYSTEM PLUS - BASES

floor thickness from / to mm			6,5/10	9,6/12,5	12,6/15,5	15/19	19,6/22,6
length = 270 cm pack 20 pcs (15 clips TU/6 included)					**H**		
ART.	**finishing**		**6**	**10**	**13**	**15**	**22**
ALUMINIUM							
TPU/	natural aluminium		67437	67447	67457	67460	67467

individually packed (art. TPU/22 pack 10 pcs)

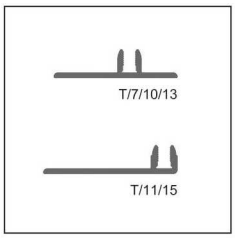


TU/6

SPARE CLIPS

pack of 150 pcs	**H**
	6
TU/6	68812/150

no partial packaging

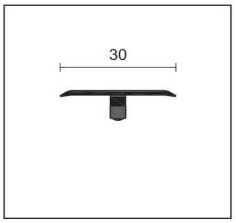


T/

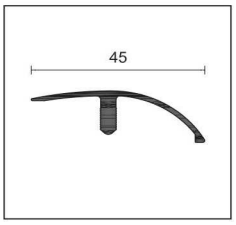
UNISYSTEM - BASES

floor thickness from / to mm			6,5/10	10,/12	6,5/10	13/15	11/15
length = 270 cm - pack 20 pcs					**H**		
ART.	**finishing**		**7**	**10**	**11**	**13**	**15**
ALUMINIUM							
T/	natural aluminium		67287	67297	67317	67307	67327

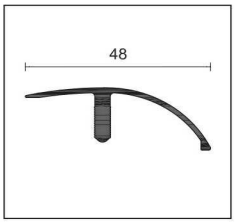
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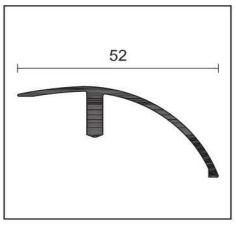
Z3/30/SF



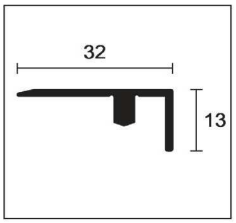
C/10/SF



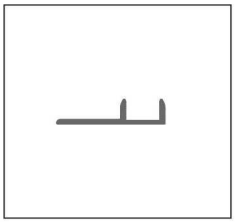
C/13/SF



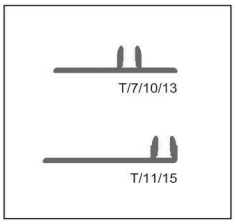
C/22/SF



S/15/SF



TPU/



T/

UNISYSTEM - UNISYSTEM PLUS

length = 270 cm		pack 20 pcs	pack 20 pcs	pack 10 pcs	pack 10 pcs	pack 10 pcs
ART.	**finishing**	**Z3/30/SF**	**C/10/SF**	**C/13/SF**	**C/22/SF**	**S/15/SF**
floor thickness from / to mm		6,5/22,6	9,6/12,5	12,6/15,5	15/22,6	9,6/22,6
ANODISED ALUMINIUM						
silver		63700	67077	67147	66907	65480
gold		63702	67087	67157	-	-
gold sand		63704	-	-	-	65488

individually packed

UNISYSTEM PLUS - BASES

floor thickness from / to mm		6,5/10	9,6/12,5	12,6/15,5	15/19	19,6/22,6
length = 270 cm pack 20 pcs (15 clips TU/6 included)				H		
ART.	**finishing**	**6**	**10**	**13**	**15**	**22**
ALUMINIUM						
TPU/	natural aluminium	67437	67447	67457	67460	67467

individually packed (art. TPU/22 pack 10 pcs)

SPARE CLIPS

pack da 150 pcs	H
	6
TU/6	68812/150

no partial packaging

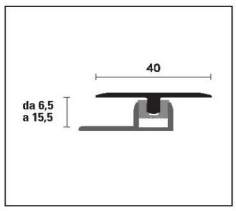
UNISYSTEM - BASES

floor thickness from / to mm		6,5/10	10/12	6,5/10	13/15	11/15
length = 270 cm - pack 20 pcs				H		
ART.	**finishing**	**7**	**10**	**11**	**13**	**15**
ALUMINIUM						
T/	natural aluminium	67287	67297	67317	67307	67327



Z3/30/SF silver anodised aluminium

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TPZ/



TPZ/47/CV silver anodised aluminium and aluminium covered with Alcrom® Plus film

UNISYSTEM PLUS

length = 90 cm - pack 10 pcs / blister - for floor thicknesses from 6,5 to 10 mm

ART.	finishing								
ALUMINIUM covered with ALCROM® PLUS film									
TPZ/47/CV	05	43005		77	43011		1208	43027
	10	43020		78	43066		1209	43029
	14	43006		80	43068		1210	43030
	19	43007		89	43012		1211	43031
	20	43028		91	43013		1212	43033
	26	43008		580	43014		1213	43035
	31	43009		1202	43016		1214	43037
	38	43034		1203	43017		1215	43039
	39	43010		1204	43018		1216	43041
	40	43036		1205	43019		1217	43043
	42	43038		1206	43025			
	65	43056		1207	43026			

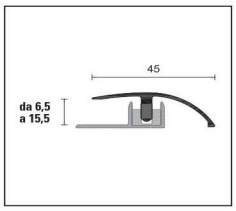
individually packed

UNISYSTEM PLUS

length = 90 cm - pack 10 pcs / blister

ART.	finishing	TPZ/47/CV	TPZ/410/CV	TPZ/413/CV
floor thickness from / to mm		6,5 / 10	9,6 / 12,5	12,6 / 15,5
ANODISED ALUMINIUM				
silver		43000	43072	43144
gold		43004	43076	43148

individually packed



TPC/

UNISYSTEM PLUS

length = 90 cm - pack 10 pcs / blister - for floor thicknesses from 6,5 to 10 mm

ART.	finishing								
ALUMINIUM covered with ALCROM® PLUS film									
TPC/47/CV	05	43219		77	43225		1208	43239
	10	43234		78	43280		1209	43240
	14	43220		80	43282		1210	43241
	19	43221		89	43226		1211	43243
	20	43242		91	43227		1212	43244
	26	43222		580	43228		1213	43245
	31	43223		1202	43231		1214	43247
	38	43248		1203	43232		1215	43249
	39	43224		1204	43233		1216	43251
	40	43250		1205	43235		1217	43253
	42	43252		1206	43236			
	65	43270		1207	43237			

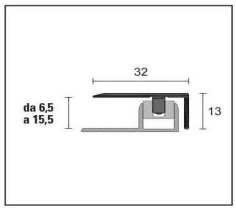
individually packed

UNISYSTEM PLUS

length = 90 cm - pack 10 pcs / blister

ART.	finishing	TPC/47/CV	TPC/410/CV	TPC/413/CV
floor thickness from / to mm		6,5 / 10	9,6 / 12,5	12,6 / 15,5
ANODISED ALUMINIUM				
silver		43214	43286	43358
gold		43218	43290	43362

individually packed



TPS/

UNISYSTEM PLUS

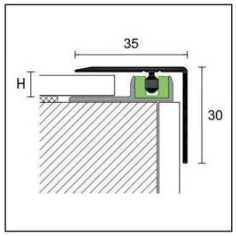
length = 90 cm - pack 10 pcs / blister

ART.	finishing	TPS/47/CV	TPS/410/CV	TPS/413/CV
floor thickness from / to mm		6,5 / 10	9,6 / 12,5	12,6 / 15,5
ANODISED ALUMINIUM				
silver		43430	43502	43574

individually packed

The blister pack contains base, clips and profile.

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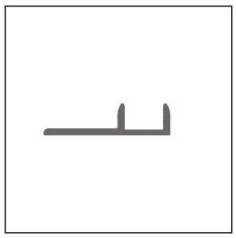
G/2/SF + TPU/

UNISYSTEM PLUS

length = 270 cm - pack 10 pcs - for floor thicknesses from 6,5 to 12,5 mm

ART.	finishing								
ALUMINIUM covered with ALCROM® PLUS film									
G/2/SF		05	43645		41	43656		1207	43668
		08	43646		77	43657		1208	43669
		12	43647		89	43658		1209	43670
		13	43648		91	43659		1210	43671
		14	43649		93	43660		1211	43672
		19	43650		580	43661		1212	43673
		26	43651		1202	43663		1213	43674
		32	43652		1203	43664		1214	43675
		36	43653		1204	43665		1215	43676
		39	43654		1205	43666		1216	43677
		40	43655		1206	43667		1217	43678

individually packed



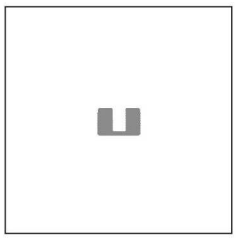
TPU/

UNISYSTEM PLUS

length = 270 cm - pack 10 pcs - for floor thicknesses from 6,5 to 12,5 mm

ART.	finishing		
ANODISED ALUMINIUM			
G/2/SF	silver		43690
	titanium		43691

individually packed



TU/6

UNISYSTEM PLUS - BASES

floor thickness from / to mm		6,5/10	9,6/12,5
length = 270 cm - pack 20 pcs (15 clips TU/6 included)		H	
ART.	finishing	6	10
ALUMINIUM			
TPU/	natural aluminium	67437	67447

individually packed

SPARE CLIPS

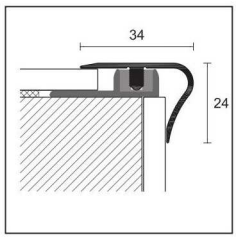
pack 150 pcs	H
	6
TU/6	68812/150

no partial packaging

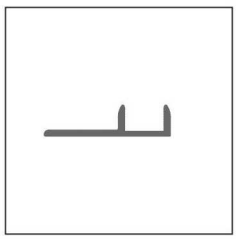
Customized PDS decors on request

Profiles of 270 cm length: please order the base separately.

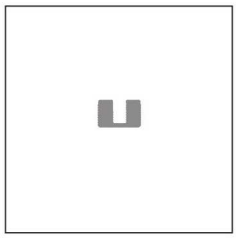
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G/4/SF + TPU/



TPU/



TU/6

UNISYSTEM PLUS

length = 270 cm - pack 10 pcs - for floor thicknesses from 6,5 to 15,5 mm

ART. **finishing**

ALUMINIUM covered with ALCROM® PLUS film

G/4/SF	02	63905	37	63943	76	63956
	08	63907	38	63919	77	63937
	10	63910	40	63920	78	63934
	11	63911	41	63926	79	63938
	12	63913	42	63921	80	63935
	13	63916	43	63927	81	63939
	18	63914	44	63929	92	63941
	20	63915	65	63931	93	63944
	32	63917	71	63951	94	63945
	34	63923	72	63952	95	63946
	35	63924	73	63953		
	36	63942	74	63954		

individually packed

UNISYSTEM PLUS

length = 270 cm - pack 10 pcs - for floor thicknesses from 6,5 to 15,5 mm

ART. **finishing**

ANODISED ALUMINIUM

G/4/SF	silver	63900
	gold sand	63904

individually packed

UNISYSTEM PLUS - BASES

floor thickness from / to mm		6,5/10	9,6/12,5	12,6/15,5
length = 270 cm pack 20 pcs (15 clips TU/6 included)			H	
ART.	**finishing**	**6**	**10**	**13**
ALUMINIUM				
TPU/	natural aluminium	67437	67447	67457

individually packed

SPARE CLIPS

pack da 150 pcs	H
	6
TU/6	68812/150

no partial packaging

Profiles of 270 cm length: please order the base separately.

Customized PDS decors on request