PROFILPAS S.P.A.
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Profiles for LVT floors

Profix Thin

Description

Profix Thin is a professional system for laying floating LVT floors, from 4 mm to 8 mm, and which allows for expansion movement.
The system comprises base profiles in PVC and top profiles in aluminium, with two different functions:

- Profiles for floors of equal height
- Profiles for floors at different heights, creating a smooth transition between two floors which are not level.
- End profiles to mark the perimeter of LVT floors.

The characteristic features of the system are:

- Easy to lay.
- Reduced thickness of top profiles.
- Dimensional stability.
- Use in floors with thickness of 4mm to 6mm.
- Availability of four anodized finishes and 24 Alcrom Plus coated decorative finishes.

The three top profiles should be interlocked onto one of the two PVC bases which must have been previously screwed or bonded (using a suitable adhesive, like PP/96) to the concrete sub-floor.

Materials

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.

Rigid PVC

Rigid PVC compound, lead-free, shock-proof, self-extinguishing. Stabilised based on Ca-Zn salts.

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General note on metals

Aluminium is not resistant to all chemical compounds. Consequently, contact with particularly aggressive products like hydrochloric acid (HCI) 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

Remove the profile from the packaging.
Check that the thickness of the flooring to be laid is the same as the 4-8 mm movement.
The base profile can be fixed to the floor using:

- suitable adhesives (like PP/96); in this case, the profile should be laid and a space left to insert the flooring and also for any movement (approx. 5mm); 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. 5mm). 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 rubber 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.
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 that 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 paint-coated 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 with water of the parts treated, then immediately dried using cloths or soft leather. 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.

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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.

PVC

Does not need any special maintenance; they can be easily treated with colourless 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

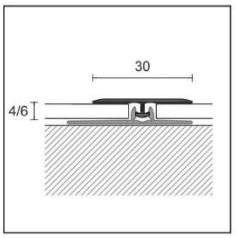
In the event of fire, use chemical fire extinguishers, dry sand or solid extinguishing agents.

Notes:

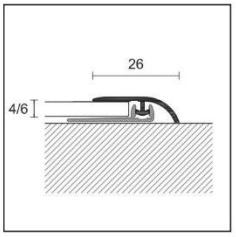
These profiles must be handled with caution, being careful to wear suitable gloves to prevent injury and/or cuts to the hands.
The instructions and specifications provided here are the product of our experience but are only a guide, should not be considered exhaustive and must be confirmed by extensive 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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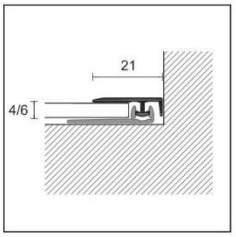
Profix Thin



Z/4 + PT/4



C/4 + PT/4/SA



S/4 + PT/4/SA

PROFIX THIN

length = 270 cm - pack 20 pcs		for floor thickness (from 4 to 8 mm)		
ALUMINIUM covered with ALCROM® PLUS film				
		Z/4	C/4	S/4
	1003	85101	85201	85301
	1006	85102	85202	85302
	1009	85103	85203	85303
	1012	85104	85204	85304
	1021	85107	85207	85307
	1024	85108	85208	85308
	1030	85110	85210	85310
	1033	85111	85211	85311
	1036	85112	85212	85312
	1042	85114	85214	85314
	1045	85115	85215	85315
	1051	85117	85217	85317
	1054	85118	85218	85318
	1057	85119	85219	85319
	1060	85120	85220	85320
	1063	85121	85221	85321
	1066	85122	85222	85322
	1069	85123	85223	85323
	1081	85127	85227	85327
	1084	85128	85228	85328
	1090	85130	85230	85330
	1105	85135	85235	85335
	1108	85136	85236	85336
	1111	85137	85237	85337

individually packed

PROFIX THIN

length = 270 cm - pack 20 pcs	for floor thickness (from 4 to 8 mm)		
ART.	Z/4	C/4	S/4
finishing			
ANODISED ALUMINIUM			
silver	85050	85060	85070
gold sand	85052	85062	85072
titanium	85054	85064	85074
bronze elox	85056	85066	85076

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Profix Thin



Z/4 silver anodised aluminium



C/4 silver anodised aluminium



S/4 silver anodised aluminium

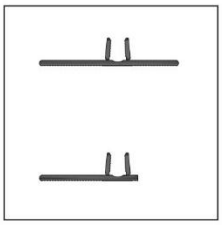


PT/4
PT/4/SA

PROFIX THIN - BASES

length = 270 cm - pack 20 pcs	for floor thickness (from 4 to 6 mm)	
ART.	**PT/4**	**PT/4/SA**
finishing		
PVC		
green	85081	85083

To order PT/4 and PT/4/SA in pack of 100 pcs mark /100 after the article code (for example code 85081 becomes 85081/100).



PT/6
PT/6/SA

PROFIX THIN - BASES

length = 270 cm - pack 20 pcs	for floor thickness (from 6 to 8 mm)	
ART.	**PT/6**	**PT/6/SA**
finishing		
PVC		
green	85086	85088

To order PT/6 and PT/6/SA in pack of 100 pcs mark /100 after the article code (for example code 85086 becomes 85086/100).