

PROFIX THIN / Z/4 / C/4 / S/4

Profiles for LVT Floors



DESCRIPTION

Profix Thin is a professional solution for installing floating LVT floors ranging from 5/32" to 5/16" (4 to 8 mm), designed to accommodate expansion movements seamlessly. Composed of a PVC base profile and an aluminum top profile, the system can serve different functions:

- Profile for floors of the same height
- Profile for floors of varying heights, ensuring a seamless transition between uneven surfaces
- End profile for delineating the perimeter of LVT floors

Key features of the system include:

- An easy installation process.
- Slim top profiles for a streamlined appearance.
- Excellent dimensional stability.
- Suitability for floors with thicknesses ranging from 5/32" to 1/4" (4 to 6 mm).
- Availability in four anodized finishes and 24 finishes of aluminum coated in durable film.

MATERIALS

Anodized aluminum

These Al-Mg-Si profiles, heat-treated to T6 (6060 T6), are produced through extrusion and then anodized with a thickness of at least 15 µm. The external surface must be protected from scratches and rubbing. The profiles are highly resistant to chemical and atmospheric agents. However, it is important to note that when exposed to wet cement and its derivatives, they can produce alkaline substances that, if left untreated on the surface,

may corrode the metal and lead to the formation of aluminum hydroxide. Therefore, it is essential to delicately and thoroughly clean the visible surface of the profile from cements, mortars/adhesives, cleaners, caulks and other materials.

It is worth mentioning that continuous wear, especially when these profiles are used on flooring, can cause the anodized surfaces to wear down over time, resulting in the loss of their original finish. Regular maintenance and care are recommended to preserve the quality and appearance of the profiles. See the “Care and Maintenance” section below.

Aluminum coated in a durable film

These Al-Mg-Si profiles, heat-treated to T6 temper (6060 T6), are manufactured through extrusion and then coated with durable film that reproduces the different tones and/or finishes of wood.

Rigid PVC

These profiles are made of rigid PVC vinyl that is lead-free, shock-resistant and self-extinguishing. The compound is stabilized using an eco-compatible salt-based Ca-Zn stabilizer.

General note on metals

Aluminum, AISI 304 stainless steel and AISI 316 stainless steel are not resistant to all chemical compounds, particularly aggressive ones like hydrochloric acid (HCl) and phosphoric acid (H₃PO₄). Cleaning products such as muriatic acid, ammonia, bleach and sodium hypochlorite – commonly used for cleaning natural-stone, ceramic and porcelain tiles – can damage the surface of these metals and may lead to intense corrosive reactions.

It is crucial to promptly and gently remove residues of cement, mortars/adhesives, cleaners, caulks and other materials from the surface of profiles to prevent damage. Additionally, if adhesive tape is used to mask the profiles, it should be removed within 1 hour to avoid any adverse effects.

PRODUCT INSTALLATION

Use the following steps to install **Profix Thin**.

1. Remove the profile from the packaging and check that the thickness of the flooring you are installing matches the height of the selected **Profix Thin** base (refer to the label).
2. Remove any protective or thermo-shrink film covering the finish of the profile, if present.
3. Determine the necessary length and cut the profile to the required measurement using appropriate tools.
4. The base profile can be installed to the floor using one of two methods:
 - a. A suitable adhesive. For this method, position the profile, leaving a space to insert the flooring and also for any expansion (about 3/16" or 4.5 mm). Then press down on the profile to push the previously leveled 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.
 - b. Screws and plugs. For this method, position the profile and use a permanent marker to mark the exact position of the profile holes 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 and replace the profile in the correct position, leaving the space needed to insert the flooring and room for any expansion (about 3/16" or 4.5 mm). Then use suitable screws to secure the profile, making sure that the area under and around the profile is perfectly clean.

5. Measure the length needed and cut the cover profile to be placed onto the base profile.
6. Place the top profile on the base, which is already in position. Using a rubber mallet, insert the top profile until it is fully aligned with the floor, being careful to not damage the cover during the installation.

CARE AND MAINTENANCE

The care and maintenance of the materials used in the production of these profiles are closely tied to the type of alloy and finishing used. The following instructions outline the procedures for restoring the profile's original appearance as much as possible. These guidelines are intended to serve as general recommendations for cleaning, but they should be checked and applied on a case-by-case basis. It is important to note that there are specific responsibilities and guidelines for each stage of the product's life, starting from its installation.

Aluminum

These profiles require minimal maintenance and can be easily maintained using colorless alcohol diluted in water or regular detergents, excluding acid-based products such as hydrochloric or hydrofluoric acid. Various commercial brands offer a wide range of detergents, generally classified into three types:

- Alkaline type
- Neutral type
- Acid type

For cleaning purposes, it is recommended to use a neutral detergent diluted in water and rinse with water only, using a sponge or non-abrasive cloth to avoid scratches or damage to the anodization, shine or varnish. During cleaning, the following precautions should be taken:

- Avoid using acid or alkaline detergents as they can damage aluminum.
- Avoid abrasive products or materials.
- Do not use organic solvents on painted surfaces.
- Do not use detergents with unknown chemical compositions.
- Do not apply detergents directly to the surface.
- Clean surfaces at a relatively low temperature (maximum temperature of 86°F or 30°C) and away from direct sunlight.
- Use cold detergents (maximum temperature of 86°F or 30°C) and avoid spraying it on the surface.

After cleaning, always rinse the treated area with water and dry immediately with a soft cloth or rag. Regular maintenance with polishing products is unnecessary.

Ensure quick and precise cleaning of the profile following the instructions on the product's packaging to prevent the accumulation of cement deposits, caulk or similar substances that could damage the surface layers.

Aluminum coated in a durable film

These profiles require no specific maintenance and can be easily cared for using water-diluted alcohol or water-diluted normal detergents (excluding acid-based or alkaline-based detergents). After cleaning, rinse thoroughly with water only and use a sponge or nonabrasive cloth to prevent scratches or damage to the surface.

PVC

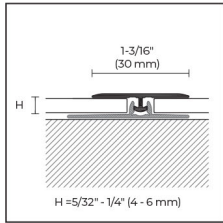
These profiles require no specific maintenance and can be easily cared for using colorless water-diluted alcohol or water-diluted normal detergents (excluding acid-based or alkaline-based detergents). After cleaning, rinse thoroughly with water only and use a sponge or nonabrasive cloth to prevent scratches or damage to the surface.

FIRE-CONTROL MEASURES

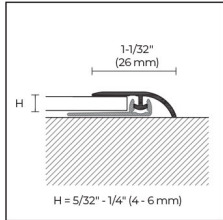
In case of fire, extinguish with fire-fighting chemical products, dry sand or solid fire-extinguishing agents.

NOTE

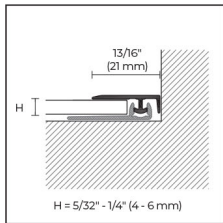
MAPEI profiles should be handled with care, and it is important to use suitable gloves to prevent cuts or injuries to the hands. The instructions provided here are based on our own experience and are for informational purposes only. It is crucial to confirm these instructions through practical experience. MAPEI will not be held responsible for any personal injury or material damage resulting from improper use of the product. The user is responsible for determining if the product is suitable for the intended task and must also assume responsibility for any incorrect installation of the material.



Z/4 + PT/4



C/4 + PT/4/SA



S/4 + PT/4/SA

PROFIX THIN

Length = 8' 10" or 270 cm / 20-piece package / for floor thicknesses 5/32" to 5/16" (4 to 8 mm)

ALUMINUM covered with durable 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

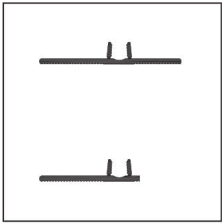
\$/pc

Individually packaged

PROFIX THIN

Length = 8' 10" or 270 cm / 20-piece package / for floor thicknesses 5/32" to 5/16" (4 to 8 mm)

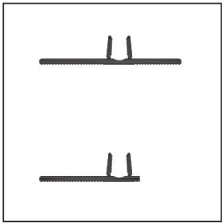
Item	Z/4	C/4	S/4
Finish			
ANODIZED ALUMINUM			
Silver 	85050	85060	85070
\$/pc			
Gold sand 	85052	85062	85072
Titanium 	85054	85064	85074
\$/pc			
Bronze elox 	85056	85066	85076
\$/pc			



PT/4
PT/4/SA

PROFIX THIN – BASES

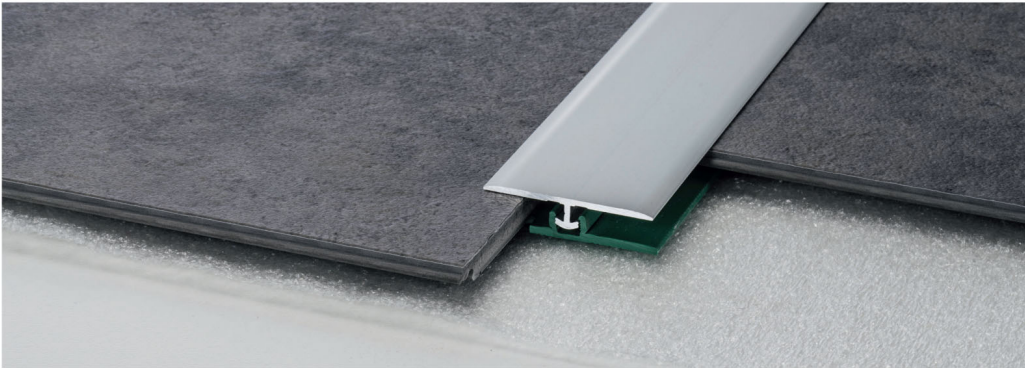
Length = 8' 10" or 270 cm / 20-piece package / for floor thicknesses 5/32" to 1/4" (4 to 6 mm)			
Item		PT/4	PT/4/SA
Finish			
PVC			
Green		85081	85083
\$/pc			



PT/6
PT/6/SA

PROFIX THIN – BASES

Length = 8' 10" or 270 cm / 20-piece package / for floor thicknesses 1/4" to 5/16" (6 to 8 mm)			
Item		PT/6	PT/6/SA
Finish			
PVC			
Green		85086	85088
\$/pc			



Z/4 + PT/4



C/4 + PT/4/SA



S/4 + PT/4/SA

ADDITIONAL INFORMATION

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).

WARNING

The test results shown in the TECHNICAL DATA table were obtained in compliance with test methods and curing cycles, if applicable, defined in the industry standards referenced on the Technical Data Sheet. Please note that the use of test procedures or methods other than those indicated in the table could lead to different values and that, in such cases, any liability of our company is excluded.

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

CONTACT INFORMATION

MAPEI Headquarters of North America

1144 East Newport Center Drive
Deerfield Beach, Florida 33442
1-888-US-MAPEI (1-888-876-2734) / (954) 246-8888

Technical Services

U.S. and Puerto Rico:

Flooring: 1-800-992-6273

Concrete and heavy construction: 1-888-365-0614

Canada:

1-800-361-9309

Customer Service

1-800-42-MAPEI (1-800-426-2734)

Edition Date: May 29, 2024 MK 13341 / 13350 / 13351 (24-1649)

For the most current product data and BEST-BACKEDSM warranty information,
visit www.mapei.com.
All Rights Reserved. © 2024 MAPEI Corporation.

