Alfix 46 FIX/J/30 - FIX/L/32 - FIX/T/19

Profiles for Resilient Floors, Wood, Engineered Wood, Carpet and Carpet Tiles

DESCRIPTION

Alfix 46 profiles are a sophisticated solution for installing LVT floors ranging from 5/32" to 1/4" (4 to 6 mm) in thickness. These top-grade aluminum profiles securely attach to a natural aluminum base. The packaging includes screws that match the anodization color, seamlessly integrating into the cover profile upon tightening, thus ensuring a sleek and unified appearance.

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.

General note on metals

Aluminum is not resistant to all chemical compounds, particularly aggressive ones like hydrochloric acid (HCl) and phosphoric acid (H_3PO_4). 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 a profile with mortar.

1. Remove the profile from the packaging and check that the thickness of the material you are installing matches the height of the selected Alfix base profile (refer to the label).
2. Measure the length required and cut the base profile to this length using an appropriate tool.
3. The base profile can be fixed to the floor using:

   A suitable adhesive: For this installation technique, make sure that the area where the profile is to be placed is free of dirt and perfectly clean. Lay the profile, leaving a space to insert the flooring and also for any expansion (about 3/16" or 4.5 mm). Press down on the profile to push the previously leveled adhesive up through the holes in the lip.

   Screws and plugs: For this installation technique, make sure that the area where the profile is to be placed is free of dirt and perfectly clean. Place the profile 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. Place the profile back into 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.

4. Measure the length needed and cut the cover profile to be placed onto the base profile. Place the cover profile on the base, which is already in position, and use a rubber mallet on the cover profile until it is fully aligned with the floor, paying attention to not damage the cover in the operation.

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.

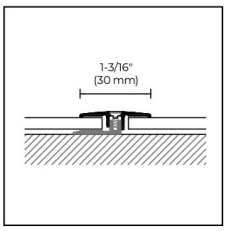
Ensure quick and precise cleaning of the profile following the instructions on the product's packaging to prevent the accumulation of cement deposits, caulk or similar substances that could damage the surface layers.

FIRE-CONTROL MEASURES

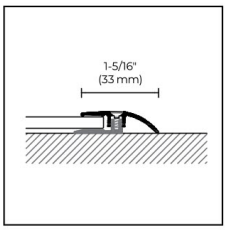
In case of fire, extinguish with fire-fighting chemical products, dry sand or solid fire-extinguishing agents.

NOTE

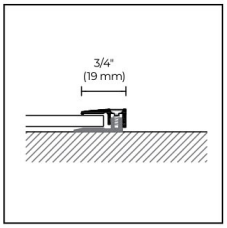
MAPEI profiles should be handled with care, and it is important to use suitable gloves to prevent cuts or injuries to the hands. The instructions provided here are based on our own experience and are for informational purposes only. It is crucial to confirm these instructions through practical experience. 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.



FIX/J/30



FIX/L/32



FIX/T/19

ALFIX 46	
Package	10 pcs
Length	**8' 10" (270 cm)**
Item	**FIX/J/30**
For floor thicknesses 5/32" to 1/4" (4 to 6 mm)	
Finish	
ALUMINUM	
Silver anodized	35500
$/pc	
Individually packaged	

ALFIX 46	
Package	10 pcs
Length	**8' 10" (270 cm)**
Item	**FIX/L/32**
For floor thicknesses 5/32" to 1/4" (4 to 6 mm)	
Finish	
ALUMINUM	
Silver anodized	35510
$/pc	
Individually packaged	

ALFIX 46	
Package	10 pcs
Length	**8' 10" (270 cm)**
Item	**FIX/T/19**
For floor thicknesses 5/32" to 1/4" (4 to 6 mm)	
Finish	
ALUMINUM	
Silver anodized	35520
$/pc	
Individually packaged	

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 21, 2024 MK 13352 / 13353 / 13354 (24-1660)

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