

PROJOINT T

Profiles for Floors of Equal Height



DESCRIPTION

Projoint™ T profiles are meticulously crafted to uncouple and adorn level floors embellished with ceramic tiles, marble, granite, wood, LVT or other materials. They serve as an ideal solution for concealing imperfections resulting from cut coverings or the juxtaposition of different flooring types (such as tile and wood). The unique cross section of **Projoint T** makes it perfect for mitigating slight height differences caused by the junction of diverse flooring materials ($3/32$ " to $1/8$ " or 2 to 3 mm).

Available in an array of materials and finishes – including anodized aluminum, polished or chrome-plated brass, stainless steel, natural brass, and natural aluminum coated with a durable film that replicates various wood shades and finishes – **Projoint T** offers an aesthetic solution that seamlessly complements nearly any flooring type, whether in domestic or public settings.

Installation is convenient, as **Projoint T** profiles can be installed directly onto existing floors using an appropriate adhesive. For curved edges, the Flex version of **Projoint T** – available in anodized silver, natural brass, polished or chrome-plated brass, and natural aluminum coated with a durable film – is designed to be shaped using a bending machine, ensuring a perfect match to the curvature of the joint.

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.

Coated aluminum

These Al-Mg-Si alloy profiles, heat-treated to T6 temper (6060 T6), are produced through extrusion and then color-coated. While they offer a fair level of resistance to chemical and atmospheric agents, they are not suitable for handling mechanical stress, as this can damage the coated surface. Therefore, it is not recommended to use these profiles for flooring applications.

It is crucial to promptly clean the visible surface of the profile from cement, mortars/adhesives, cleaners, caulks and other materials to maintain the integrity of the varnish coating and prevent potential damage or corrosion.

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.

Stainless steel

AISI 304 stainless-steel profiles feature substantial resistance to the principal chemical and atmospheric agents, lime, mortar and cleaning agents. They are recommended for use in more demanding environments such as the food industry, hospitals, pools and general exterior installations.

AISI 316 stainless-steel profiles feature substantial resistance to the principal chemical and atmospheric agents, lime and mortar and cleaning agents. Moreover, they afford good resistance to chlorine and saltiness, and are particularly well suited for extreme environments.

Polished brass

These CW624N alloy profiles are manufactured through extrusion. They exhibit good resistance to chemical agents and mechanical stress. They exhibit excellent resistance to chemical agents and mechanical stress. However, when brass is used on the visible surface side, it is prone to oxidation, resulting in a surface patina. In environments with strong atmospheric humidity or corrosive agents, brass can experience accelerated oxidation, leading to surface stains and spots.

When needed, the original natural appearance of the brass surface can be restored by using abrasives or specific polishing products.

Chrome-plated brass

These CW624N alloy profiles are manufactured by extrusion and subsequently coated with chrome. They are resistant to UV rays, chemical and atmospheric agents, and should not be used on floors in areas subject to heavy foot traffic.

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 a profile with an adhesive.

1. Remove the profile from the packaging and check that the thickness of the material you are installing matches the height of the selected profile (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. Apply the adhesive.
5. Position the profile carefully and ensure it is level with the previously installed floor covering.
6. Clean any excess gap material, mortar/adhesive, detergent, etc., with a soft sponge and water within 10 minutes of application.

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.

Stainless steel

Stainless-steel surfaces can be polished using suitable products that are readily available in stores. Stainless steel is easy to clean and highly hygienic, thanks to its smooth and nonporous surface that makes it difficult for the adherence and survival of bacteria and other microorganisms. Basic guidelines are sufficient to keep stainless-steel surfaces well maintained: Washing with hot water and soap, followed by thorough rinsing and drying with a soft cloth.

For surfaces exposed to atmospheric or aggressive agents, periodic cleaning is recommended to maintain the stainless steel's appearance and prevent corrosion. When cleaning brushed finish surfaces, always follow the direction of the grain and avoid cleaning across it. For scratches, use a detergent or polish specifically

designed for stainless steel and a soft cloth. Avoid using detergents containing hydrochloric acid (muriatic acid), hydrofluoric acid or bleach, and refrain from prolonged contact with common steel objects or tools that may transfer ferrous particles (contamination) and cause rust stains on the stainless-steel surface. Also avoid direct contact with detergents containing chlorides unless the contact is brief and the surface is thoroughly rinsed afterward.

Additionally, prevent humid materials or sponges from remaining in contact with the stainless-steel surface for extended periods to avoid water stains.

Brass

These profiles require minimal maintenance and can be easily maintained using alcohol diluted in water or regular detergents, excluding acid-based products. For cleaning, it is recommended to use a neutral detergent diluted in water along with a rinsing agent of water only, using a sponge or nonabrasive cloth to prevent scratches or damage to the surface.

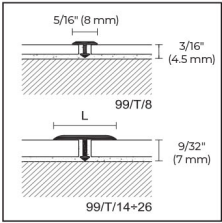
For maintenance purposes, a normal polishing product should be used.

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.



99/T/
399/T/
399/TC/

PROJOINT T

Length = 8'10" or 270 cm Pieces per package			50 pcs	50 pcs	30 pcs	20 pcs
	Width		5/16" (8 mm)	17/32" (14 mm)	3/4" (20 mm)	1" (26 mm)
Item	Finish					
ALUMINUM						
99/T/	Silver anodized		75075	75080	63600	75082
	\$/pc					
	Gold anodized		–	75083	75084	75085
	\$/pc					
	Titanium anodized		–	75099	–	–
	\$/pc					
	Color-coated anthracite gray RAL 7016		–	75091	–	–
	\$/pc					
Length = 8'10" or 270 cm			–	10 pcs	–	–
Pieces per package			–	17/32" (14 mm)	–	–
Item	Width					
	Finish					
ALUMINUM DECORS DURABLE FILM						
99/T/	97 black		–	75095	–	–
	\$/pc					

Individually packaged

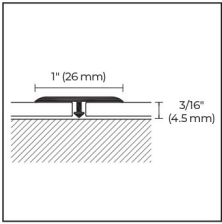
PROJOINT T

Length = 36" (90 cm)			L
10-piece package / blister 			
Item	Finish		17/32" (14 mm)
ALUMINUM			
499/T	Silver anodized		20008
	\$/pc		
	Gold anodized		20010
	\$/pc		

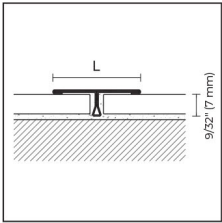
PROJOINT T

Length = 8'10" or 270 cm			L x H		
20-piece package					
Item	Finish		1" x 3/16" (26 x 4.5 mm)		
ALUMINUM					
99/TR/26	Silver anodized		75081		
	\$/pc				

Individually packaged



99/TR/26



799/T/
799/TS/

PROJOINT T

Length = 8'10" or 270 cm	30 pcs
Pieces per package	

Width	17/32" (14 mm)
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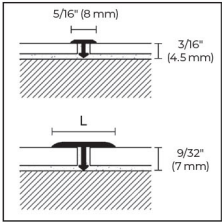
Item	Finish		
STAINLESS STEEL			
799/T/	Polished stainless steel AISI 304		75092
	\$/pc		
799/TS/	Satin stainless steel AISI 304		75093
	\$/pc		

Individually packaged

PROJOINT T

Length = 36" (90 cm)	L
10-piece package / blister	

Item	Finish	17/32" (14 mm)
4799/T	Polished stainless steel AISI 304	20001
	\$/pc	
4799/TS	Satin stainless steel AISI 304	20002
	\$/pc	



399/T/
399/TC/

PROJOINT T

Length = 8'10" or 270 cm	50 pcs	20 pcs	20 pcs	20 pcs
Pieces per package				

Width	5/16" (8 mm)	17/32" (14 mm)	3/4" (20 mm)	1" (26 mm)
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Item	Finish				
BRASS					
399/T/	Polished		75070	75087	75090
	\$/pc				
Package			30 pcs	30 pcs	10 pcs
399/TC/	Chromium-plated		75071	75086	75089
	\$/pc				

Individually packaged

PROJOINT T

Length = 36" (90 cm)	L
10-piece package / blister	

Item	Finish	17/32" (14 mm)
4399/T	Polished	20016
	\$/pc	

PPDESIGN

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).

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

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1-800-361-9309

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For the most current product data and BEST-BACKEDSM warranty information,
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