CERFIX PRODECOR / CERFIX PRODECOR DJ / CERFIX PRODECOR FLEX

Profiles for Floors of Equal Height

DESCRIPTION

Prodecor™ is a versatile line of profiles meticulously crafted to enhance, safeguard and embellish leveled floors adorned with ceramic tiles marble, granite, wood and other flooring materials. These profiles serve multiple functions, including finishing, sealing, protecting and decorating, making them an indispensable asset in flooring projects.

One of the key strengths of **Prodecor** profiles is their ability to serve as an uncoupling element, particularly valuable when transitioning between floors with different materials. For instance, it excels as a decorative divider between ceramic tile and wood/carpet, as well as an edging profile around doormats. Additionally, it offers reliable protection for edges and tiled steps, enhancing both safety and aesthetics.

The visible component of **Prodecor** plays a crucial role in visually separating and uncoupling adjoining floors, ensuring a seamless yet distinct transition between different types of flooring.

For floors that necessitate polishing, such as marble, granite and wood, it is recommended to limit polishing depth to a maximum of 1/16" (1.5 mm) when using natural brass or natural aluminum profiles from the **Prodecor** range. This recommendation ensures optimal performance and longevity while maintaining the desired aesthetic finish.

Under no circumstances should polishing be done on profiles composed of materials other than those specified above.

It is important to note that chrome-plated brass models are not recommended for floor installation or areas subjected to heavy foot traffic, due to potential durability issues. Similarly, anodized aluminum profiles may lose their original sheen over time with wear from foot traffic.

Despite these considerations, the versatility of the **Prodecor** range shines through, making it an ideal choice for a wide range of applications across domestic, public and industrial settings. Its compatibility with various flooring materials ensures suitability for diverse project requirements.

For added flexibility, **Prodecor** is also available in a Flex version featuring anodized silver and natural brass. This variant is specifically designed for situations where the profile needs to be shaped to match curved edges, which is achieved by using a bending machine. This innovative approach ensures seamless integration with curved joints, maintaining both functionality and aesthetic appeal.

MATERIALS

Natural aluminum

These Al-Mg-Si alloy profiles, heat-treated to T6 temper (6060 T6), exhibit a strong resistance to chemical and atmospheric agents. However, exposure to moisture, concrete and its derivatives can produce alkaline substances that may corrode the metal, forming aluminum hydroxide if left to react with the surface. Therefore, it is crucial to promptly and delicately clean the visible surface of the profiles to remove any concrete, mortars/adhesives, grouts and detergents, thus protecting it from scratches, rubbing and potential corrosion.

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.

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.

Natural 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 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 (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 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. Use a proper trowel to spread the mortar and get proper coverage.
5. Press and embed the profile onto the mortar so that it comes out from the holes on the side wing.
6. Carefully place and press the flooring, ensuring it aligns with the profile and maintains the proper distance for the gap (usually 1/32" to 5/64", or 1 to 2 mm).
7. Fill the gap between the flooring and the profile using the appropriate grout.
8. 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.

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.

CERFIX PRODECOR DJ

Length = 8'10" or 270 cm 20-piece package			H				
Item	**Finish**		**5/16" (8 mm)**	**3/8" (10 mm)**	**1/2" (12.5 mm)**	**9/16" (15 mm)**	**3/4" (20 mm)**
ALUMINUM							
DJG/	Natural aluminum		95670	95672	95674	–	–
	$/pc					–	–
DJA/	Silver anodized		95680	95682	95684	–	–
	$/pc					–	–
BRASS							
DJN/	Natural brass		95690	95692	95694	95691	95693
	$/pc						
CHROMIUM-PLATED BRASS							
DJK/	Chromium-plated		95700	95702	95704	95703	95705
	$/pc						

Individually packaged. Items DJN/20 and DJK/20 come in 10-piece packages

OUTSIDE AND INSIDE CORNERS

5-piece packages			H				
Item	**Finish**		**5/16" (8 mm)**	**3/8" (10 mm)**	**1/2" (12.5 mm)**	**9/16" (15 mm)**	**3/4" (20 mm)**
ALUMINUM							
DJG/ /EI	Natural aluminum		95676	95677	95678	–	–
	$/d						
DJA/ /EI	Silver anodized		95686	95687	95688	–	–
	$/pc						
BRASS							
DJN/ /EI	Natural brass		95696	95697	95698	95715	95716
	$/pc						
CHROMIUM-PLATED BRASS							
DJK/ /EI	Chromium-plated		95706	95707	95708	95709	95710
	$/pc						

No partial packaging

CERFIX PRODECOR DJ FLEX

Length = 8'10" or 270 cm 10-piece package			H				
Item	**Finish**		**5/16" (8 mm)**	**3/8" (10 mm)**	**1/2" (12.5 mm)**	**9/16" (15 mm)**	**3/4" (20 mm)**
ALUMINUM							
DJAF/	Silver anodized **$/pc**		–	95685	95689	–	–
BRASS							
DJNF/	Natural brass **$/pc**		–	95695	95699	–	–

Individually packaged

CERFIX PRODECOR

Length = 8'10" or 270 cm 20-piece package			H				
Item	**Finish**		**5/16" (8 mm)**	**3/8" (10 mm)**	**1/2" (12.5 mm)**	**9/16" (15 mm)**	**3/4" (20 mm)**
STAINLESS STEEL							
DI/	Polished stainless steel AISI 304 **$/pc**		95906	95908	95910	95911	95907

Item DI/20 comes in a 10-piece package

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-BACKED℠ warranty information, visit www.mapei.com.
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