Transition Profiles - Style 4 (TR4)

DS-65399-0526

Globally Proven Construction Solutions

1. PRODUCT NAME
Transition Profiles - Style 4 (TR4)

2. MANUFACTURER
LATICRETE International, Inc.
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Bethany, CT 06524-3423 USA
Telephone: +1.203.393.0010, ext. 1235
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3. PRODUCT DESCRIPTION
Used to transition between flooring materials of differing heights. The profiles feature no mounting leg and abut to the tile to create a ramp down to the existing flooring, typically used for retrofit installations. They are designed for use as both edge protection against chipping and cracking of the unfinished tile edge and to provide a smooth transition between different flooring types. Available in Anodized Aluminum, they are suitable for residential and commercial projects and can be used indoors or outdoors.

Uses
- Floor Applications

Advantages
- Transition between flooring of different heights
- Creates a clean, professional appearance
- Protect the tile from chipping and cracking
- Delineate transitions between different materials

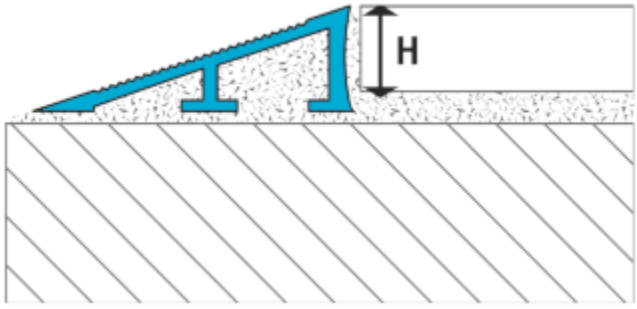
Suitable Substrates
- LATICRETE Profiles & Trims are compatible with LATICRETE Adhesive & Mortar products (Refer to the applicable adhesive and mortar data sheet for complete installation instructions and suitable substrates.)

Limitations
- Areas subject to high chemical exposure such as swimming pools, commercial kitchens, etc. require the use of Stainless Steel 316.
- Normal wear and tear of profiles after installation is expected. As such, scratches, dents, corrosion, and/or discoloration resulting from typical use are not considered product defects.

Cautions
- Follow all tool manufacturer's directions, warning, and saftey procedures when cutting and/or trimming profiles
- Cut edges may be sharp. Use caution when handling profiles.

4. TECHNICAL DATA
Applicable Standard
Aluminum 6060 in accordance with DIN EN 755-1 (extruded Aluminum)
Surface anodized in accordance with DIN 17611

Physical Properties



Data Sheets are subject to change without notice. For latest revision, visit laticrete.com.

Anodized Aluminum

Property	Specification
Height	1/2" (12.5 mm)
Width of Ramp	2-1/2" (65 mm)
Length	8'-2.5" (2.5 m)
Nominal Thickness	1/16" (1.5 mm)
Hardness	70 - 80 HB
Melting point (approximate)	1220º F (660º C)

Available Anodized Aluminum Finishes

- SAT - Satin

Working Properties

Transition Profiles - Typical Uses by Material & Finish

	Floors
Annodized Aluminum	x
Stainless Steel 304	x
Stainless Steel 316	x
Brass	x

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

5. INSTALLATION

Selecting the Correct Size Profile

Careful selection of the profile size is critical to ensuring the functionality and appearance of the final installation. Profiles should be selected based on the width of the joint to be spanned. Use a profile that will completely cover the joint and allow for additional horizontal support on either side of the profile from both surfaces being transitioned between.

Cutting Aluminum Profiles

Always refer to the cutting tool manufacturer's instructions, cautions, and requirements prior to cutting profiles. Use appropriate safety equipment and personal protective equipment (PPE) as instructed by the manufacturer of the cutting tool.

Prior to installing the tile, make sure the profiles, corners, and connectors are accurately measured and dry-fitted. Measure and mark the profile to the correct length before cutting. Aluminum profiles may be cut with any of the following tools:

- A miter box and hacksaw with a bimetal blade and the highest teeth per inch (TPI)
- A variable speed angle grinder set to the lowest speed and equipped with a suitable non-ferrous cutting wheel.
- A chop saw or miter saw with a suitable non-ferrous blade.

Once cut, inspect the cut end and use a file to remove any burrs that may have formed during the cutting process. If necessary, the mounting leg may be trimmed using metal or tin snips to avoid interference or overlapping of adjacent profile pieces.

Installing Profiles

Apply tile adhesive with a margin or notched trowel to the area where the profile will be installed. Apply additional tile adhesive to the back of the transition profile filling the open space in the backside of the profile. Firmly press the profile into the adhesive. Adjust and straighten the profile if necessary.

Immediately after installing the profiles and tile, clean the surface of the profile to remove any residual adhesive or cement material with clean fresh water and a sponge or microfiber cloth. Aluminum is sensitive to alkaline materials and failure to clean the profile surface can lead to staining or discoloration (oxidation spots) which can be very difficult to remove.

6. AVAILABILITY AND COST

Availability

LATICRETE materials are available worldwide.

For Distributor Information, Call:

Toll Free: 1.800.243.4788
Telephone: +1.203.393.0010

For on-line distributor information, visit LATICRETE at **laticrete.com**

Cost
Contact a LATICRETE Distributor in your area.

7. WARRANTY
See 10. FILING SYSTEM:
- 1 Year Product Warranty (US) (English)
- 5 Year System Warranty (US) (English)
- 10 Year System Warranty (US) (English)
- 25 Year System Warranty (US) (English)

8. MAINTENANCE
Aluminum profiles require no special maintenance or care but should be periodically cleaned to maintain their appearance. Clean profiles using fresh clean water and a soft sponge or microfiber cloth, a neutral pH cleaner such as STONETECH® Stone & Tile Cleaner may also be used. If cleaning agents are used, they must be free of hydrochloric and/or hydrofluoric acids. Do not use any abrasive cleaning products as they can scratch or mar the decorative surface.

9. TECHNICAL SERVICES
Technical Assistance
Information is available by calling the LATICRETE Technical Service Hotline:

Toll Free: 1.800.243.4788, ext. 1235
Telephone: +1.203.393.0010, ext. 1235
Fax: +1.203.393.1948

Technical and Safety Literature
To acquire technical and safety literature, please visit our website at **laticrete.com.**

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