Round Edge Profiles Made of Color Coated Aluminum (RO3)

DS-65361-0926

Globally Proven Construction Solutions

1. PRODUCT NAME

Round Edge Profiles Made of Color Coated Aluminum (RO3)

2. MANUFACTURER

LATICRETE International, Inc.
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3. PRODUCT DESCRIPTION

Round Edge Profiles Made of Color Coated Aluminum are designed for use as both edge protection against chipping and cracking of the unfinished tile edge and as a decorative element for wall and countertop applications. A special powder coating process creates pieces with consistent color and a gloss finish. Color finishes may be selected to either create a visual contrast and focal point against the tile or to blend into the overall installation allowing the tile itself to remain the focus. Serving as both a functional and decorative piece, the round design creates the finishing touch to any tile installation. Suitable for residential and commercial projects, they can be used indoors and outdoors as an alternative to traditional tile trim.

Uses

- Wall applications
- Countertop applications

Advantages

- May be used for wall or countertop installations
- Creates a clean, professional appearance
- Protect the tile from chipping and cracking
- May be used as a decorative or design element
- Protects users from sharp edges and corners
- Alternative to traditional tile trim

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

- Not suitable for use in areas subject to high chemical exposure such as swimming pools, commercial kitchens, industrial applications, etc.
- Not suitable for use in floor applications.
- 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

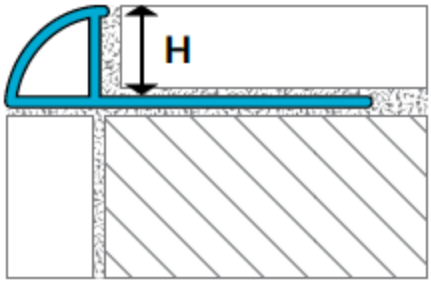
- Follow all tool manufacturer's directions, warning, and saftey procedures when cutting and/or trimming profiles
- Cut edges may be sharp. Use caution when handling profiles.

4. TECHNICAL DATA

Applicable Standard

Aluminum 6060 in accordance with DIN EN 755-1 (extruded Aluminum)

Physical Properties



Property	Specification
Height	1/4" - 1/2" (6 mm - 12.5 mm)
Length	8'-2.5" or 10' (2.5 m or 3.0 m)
Nominal Thickness	1/16" (1.5 mm)
Hardness	70 - 80 HB
Melting point (approximate)	1220º F (660º C)

Available Finishes
- BWR - Brilliant White
- WHI - White
- MHG - Manhattan Grey
- GRE - Grey
- MGR - Metallic Grey
- QGR - Quartz Grey
- BLB - Black Brown
- MBL - Matte Black
- SPE - Sand Pebble

Available Grout Corresponding Finishes
- FRO - Frosty
- MUS - Mushroom

Working Properties
Round Edge Profiles - Typical Uses by Material & Finish

	Floors	Walls	Countertops	Stair
Aluminum		x	x	
Annodized Aluminum		x	x	
Color Coated Aluminum		x	x	
Texture Coated Aluminum		x	x	
Stainless Steel 304	x	x	x	x
Stainless Steel 316	x	x	x	x
Brass		x	x	
PVC		x	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 size of the accompanying tile. Use a profile equal in height or slightly larger than the tile thickness to allow for the profile and tile to sit flush relative to one another when fully installed. Allow for additional space for adhesive when using in combination with large and heavy format tiles.

Cutting Aluminum Profiles
Always refer to 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
All Round Edge Profiles have available inside and outside corners in corresponding sizes and finishes. When using corners as part of the installation ensure that they are accounted for when measuring and cutting. To install corners, begin by placing a small amount of tile adhesive into the end of the profile that will be receiving the corner to help hold it in place while positioning. Insert the corner piece into the end of the profile. The corner should push in easily without the need for excessive force.

Apply tile adhesive with a margin or notched trowel to the area where the profile will be installed. Firmly press the profile into the adhesive, allowing the adhesive to flow through octagonal cutouts in the mounting leg. Adjust and straighten the profile if necessary.

Using an appropriate notched trowel and adhesive for the tile to be installed, add more adhesive over the mounting leg and surface fully embedding the mounting leg of the profile. Press the tile firmly into the adhesive to achieve full coverage, ensuring the profile and tile are aligned and flush. Leave a 1/16" to 1/8" gap between the profile and tile for grouting. Continue tiling the rest of the area.

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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