

Product Name

Aspect Metal™ Decorative Tiles
OmniClass 2004: Table 22-09 30 29 – Metal Tiling

Associated Specification Section

MasterFormat 1995: Section 09370 – Metal Tile
MasterFormat 2004: Section 09 30 29 – Metal Tiling

Manufacturer's Name

Acoustic Ceiling Products, L.L.C.



July 22, 2014

PRODUCT DESCRIPTION**PRODUCT FEATURES**

- **BASIC USES/RELATED USES**
 - Interior decorative tile.
 - Architectural tile for decorative wall surfaces, backsplashes and other applications.
 - Custom architectural and décor applications.
- **PRODUCT ATTRIBUTES AND CHARACTERISTICS**
 - Very flat, lightweight composite construction consisting of a solid polyethylene core sandwiched between aluminum faces.
 - Tiles are manufactured using a four-part proprietary finishing process that includes a polyester top coat finish for durability.
 - Approximately half the weight of solid aluminum.
 - Will not bow or oil-can.
 - Easily cut with tools common to both metal and woodworking industries, such as table saws, panel saws, multiple operation rip/V-grooving saws, portable circular saws, reciprocating and band saws, and routing and shearing equipment.
 - Tiles can be bent in unique ways for inside and outside corners.
 - Self-adhesive, bonding adhesive or tape adhesive applied.
- **SELECTION CRITERIA**
 - Tile can be attached with adhesive, eliminating need for exposed fasteners or alternately, retaining fasteners can be used.
 - Tiles provide a lightweight alternative to stainless steel paneling, single aluminum sheets, and medium density overlay (MDO) panels, laminated boards, corrugated aluminum composite boards, thick gauge plastics, wood/plywood products or expanded PVC panels.
- **APPLICABLE STANDARDS, RELATED REFERENCES**
 - ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
- **QUALITY STATEMENT, TESTS, CERTIFICATIONS, AND APPROVALS**
 - Material meets or exceeds ASTM E84 Class A materials (4' x 8' sheet)
 - Material meets or exceeds ASTM E84 Class C materials (3' x 6" tiles) for residential

Product Name

Aspect Metal™ Decorative Tiles
OmniClass 2004: Table 22-09 30 29 – Metal Tiling

Associated Specification Section

MasterFormat 1995: Section 09370 – Metal Tile
MasterFormat 2004: Section 09 30 29 – Metal Tiling

Manufacturer's Name

Acoustic Ceiling Products, L.L.C.



July 22, 2014

PRODUCT DESCRIPTION

applications; if 10% or less of the aggregate wall surface is covered with tile the fire rating is acceptable.

- **PACKAGING, HANDLING, PROTECTION, AND DELIVERY INSTRUCTIONS**
 - Store tiles flat, in a clean, dry area with consistent temperatures to avoid condensation and moisture collection.
 - During handling, do not slide tiles against each other or over rough surfaces.
- **MANUFACTURER'S WARRANTY**
 - Warranty: Manufacturer's limited warranty: Five (5) years.
- **LIMITATIONS**
 - Metal tiles must be attached to a substrate such as primed drywall, plaster or clean, smooth tile.
 - Note: primer must be used. Use an oil-based primer.
 - Adhesive attachment must ensure full contact with the aluminum faces, not the thermoplastic core.
 - Care must be taken to avoid damaging the exposed polyester finish during cutting.
 - Material can be cut with a simple utility knife using multiple passes.
 - Avoid contact with dissimilar materials to prevent corrosion or electrolysis.
 - For mechanical fastening materials, use only stainless steel, aluminum or plastic.
- **SAFETY PRECAUTIONS**
 - De-bur sharp edges after cutting with fine surfaced grit sand paper.
- **AVAILABILITY**
 - Nation wide
- **COST**
 - Varies with size of tile or cut sheets, substrate condition and configuration, and relative size of building.
 - Consult manufacturer's national or regional offices for specific product costs or relative costs.

Product Name

Aspect Metal™ Decorative Tiles
OmniClass 2004: Table 22-09 30 29 – Metal Tiling

Associated Specification Section

MasterFormat 1995: Section 09370 – Metal Tile
MasterFormat 2004: Section 09 30 29 – Metal Tiling

Manufacturer's Name

Acoustic Ceiling Products, L.L.C.



July 22, 2014

PRODUCT DESCRIPTION**PRODUCT PROPERTIES**

- **MATERIALS, COMPOSITION, AND PROPERTIES**
 - Aluminum composite material (ACM):
 - Aluminum Sheet Thickness: 0.30 mm (.012 inch).
 - Core: Solidified cured polyethylene.
- **ACCESSORIES**
 - Adhesives :
 - PB-FSA High Performance Acrylic Adhesive recommended for peel and stick tile.
 - One-component, high strength construction adhesives, silicones and urethanes as recommended by product manufacturer for panels.
 - Tape: Double sided foam tape with contact surfaces, as recommended by panel manufacturer.
 - Trim to finish wall edges; colors available to match most finishes.
 - Outlet Cover Laminates: (apply to existing covers) available in most colors.
- **DIMENSIONS**
 - Available Tile Thicknesses: 2 mm (0.079 inch), 3 mm (0.118 inch), or 4 mm (0.157 inch).
 - Tile Sizes:
 - 76 x 152 mm (3 x 6 inch individual tiles).
 - 102 x 305 mm (4 x 12 in matted tiles)
- **SHOP FABRICATION AND ASSEMBLY**
 - Shop cutting of custom sheet sizes.
- **COLORS AVAILABLE**
 - Finished Surface Colors for 3 x 6 in Tiles: Brushed Champagne, Brushed Copper, Brushed Stainless Steel, Brushed Bronze and White
 - Finished Surface Colors for Matted Tiles: Brushed Champagne, Brushed Stainless Steel, and White (in select patterns)

PRODUCT PLACEMENT

- **PREPARATION**

Product Name

Aspect Metal™ Decorative Tiles
OmniClass 2004: Table 22-09 30 29 – Metal Tiling

Associated Specification Section

MasterFormat 1995: Section 09370 – Metal Tile
MasterFormat 2004: Section 09 30 29 – Metal Tiling

Manufacturer's Name

Acoustic Ceiling Products, L.L.C.



July 22, 2014

PRODUCT DESCRIPTION

- Ensure substrate surfaces are clean, dry, smooth and free from dust, grease, or wax.
- Use isopropyl-alcohol two-cloth cleaning method as a minimal surface preparation for all adhesive or tape bonding.
- Prime substrate with one coat of a high-quality 100% acrylic-based, (not PVA-based) primer.
- Clean existing ceramic or hard surface tile substrate well; generally primer may not be required.
- Measurement and Lay-out:
 - Measure first area to be covered; lay-out first tile. Using a temporary marker, transfer measurements to first tile.
- PREPARATION (continued)
 - Plan for bends, corners or edge treatments before cutting.
 - Edges can be routed and left for finish bending. Add 6 -10 mm (1/4 to 3/8 inch) to tile measurement for rolled edges.
 - To fit around pipes and other irregularities or interruptions, transfer cutting lines to the tile using a cardboard pattern as a guide.
- CUTTING
 - Cut using a hacksaw, chop saw, circular saw or table saw for straight cuts; a jigsaw for circular cuts or cutouts.
 - Use cutting blades with carbide-tipped or high-speed hardened steel, made for cutting non-ferrous metal.
 - (For Tile only) Alternatively, use a brick set chisel and utility knife for straight cuts as follows:
 - Measure and mark cut lines with a marker on protective film.
 - Using a straight edge, score along entire tile using a utility knife.
 - Alternate with a chisel and utility knife to deepen score; bend back and forth until tile separates.
 - Use a fine-grit sandpaper or small metal file to deburr edges of newly cut tiles.
- EDGES AND BENDING
 - To bend tiles for inside or outside corners, use a router to remove a channel (of the composite core material) from the back layer of aluminum and.
 - Achieve small radius bends by "V" routing and folding.
 - A flatter, wider cut will result in a smoother bend.
 - Refer to the following sketches:

Product Name

Aspect Metal™ Decorative Tiles
OmniClass 2004: Table 22-09 30 29 – Metal Tiling



Associated Specification Section

MasterFormat 1995: Section 09370 – Metal Tile
MasterFormat 2004: Section 09 30 29 – Metal Tiling

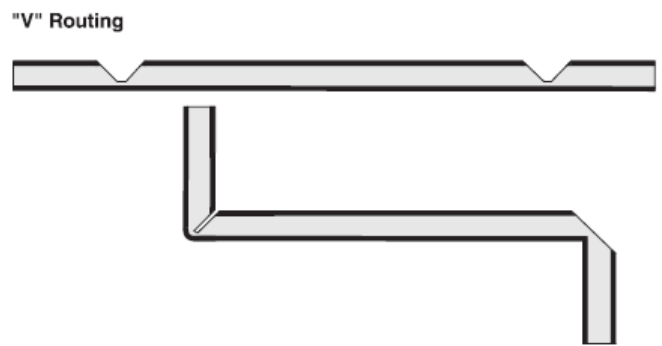
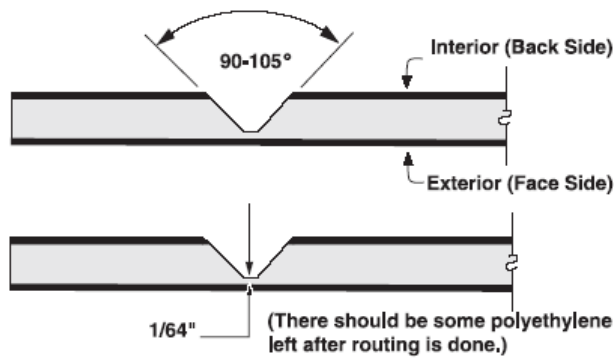
Manufacturer's Name

Acoustic Ceiling Products, L.L.C.

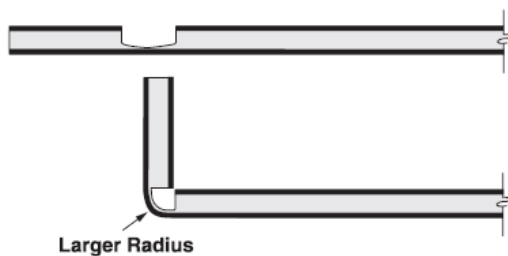
July 22, 2014

PRODUCT DESCRIPTION

V-Routing:



Flat Routing:



- APPLICATION
 - Apply tiles from inside corner, working outwards and upwards.
 - If designing layout of tiles to be centered at a focal point, such as behind a sink or stove area, build out from both sides of the focal point, symmetrically.
 - Remove protective film on back side of tile and clean with rubbing alcohol. Apply adhesive to

Product Name

Aspect Metal™ Decorative Tiles
OmniClass 2004: Table 22-09 30 29 – Metal Tiling

**Associated Specification Section**

MasterFormat 1995: Section 09370 – Metal Tile
MasterFormat 2004: Section 09 30 29 – Metal Tiling

Manufacturer's Name

Acoustic Ceiling Products, L.L.C.

July 22, 2014

PRODUCT DESCRIPTION

manufacturer's instructions for proper "set-up" technique.

- For self-adhesive tiles, peel backing from tile and align into correct position.
- With a soft cloth, apply pressure evenly across the tile and squeeze out excess air when applying.
- APPLICATION (continued)
 - Temporarily brace tiles using clamps or removable tape when using slow-drying adhesives.
 - After adhesive has set, bend exposed edges to achieve desired finish.
 - Clean Up: Wipe off excess adhesive and adhesive residue with damp sponge or cloth while still wet and visible.
- SAFETY INSTRUCTIONS
 - Do not stand or walk on release paper or tile with release paper to avoid slipping or falling.

Corporate Identification

Acoustic Ceiling Products, L.L.C.
P.O. Box 1581
Appleton, WI, U.S.A. 54912-1581
Phone Toll Free: 1-800-434-3750
Fax Toll Free: 1-800-434-3751
Web site: www.acpideas.com
E-mail to: techsupport@acpideas.com

Technical Services Available

Technical Support: 1-800-558-0615

Classification and Filing

MasterFormat 2004:
Section 09 30 29 – Metal Tiling

MasterFormat 1995:
Section 09370 – Metal Tile

OmniClass 2004:
OmniClass 2004: Table 22-09 30 29 – Metal Tiling
Table 23-35 10 14 – Wall Tiles

UniFormat 1998:

Product Name

Aspect Metal™ Decorative Tiles
OmniClass 2004: Table 22-09 30 29 – Metal Tiling



Associated Specification Section

MasterFormat 1995: Section 09370 – Metal Tile
MasterFormat 2004: Section 09 30 29 – Metal Tiling

Manufacturer's Name

Acoustic Ceiling Products, L.L.C.

July 22, 2014

PRODUCT DESCRIPTION

C30 Interior Finishes
C3010 – Wall Finishes

END