

the Wave



**AMERICAN
DECORATIVE CEILINGS**

4510 East 71st Street
Cleveland, OH 44105
(216) 341-2222
Fax (800) 336-8501

THE WAVE

Photo



Technical

PANEL SIZES: Standards are 2'x 2' for Bi-Directional, and 2'x 6' for Single Direction. Optional are 1'x 1' thru 4'x 6'

FINISHES: Standards are Mastic White (#F41M), Anodized PXL (F23), or GunMetal (F253). Custom painted are polyurethane epoxy (#F47). Mirrored/Brushed are polished brite (#FSP) Wood Laminates are (#40??)

PLENUM: 8" recommended (Minimum)

PERFORATION: See Wave Perfs Selector.

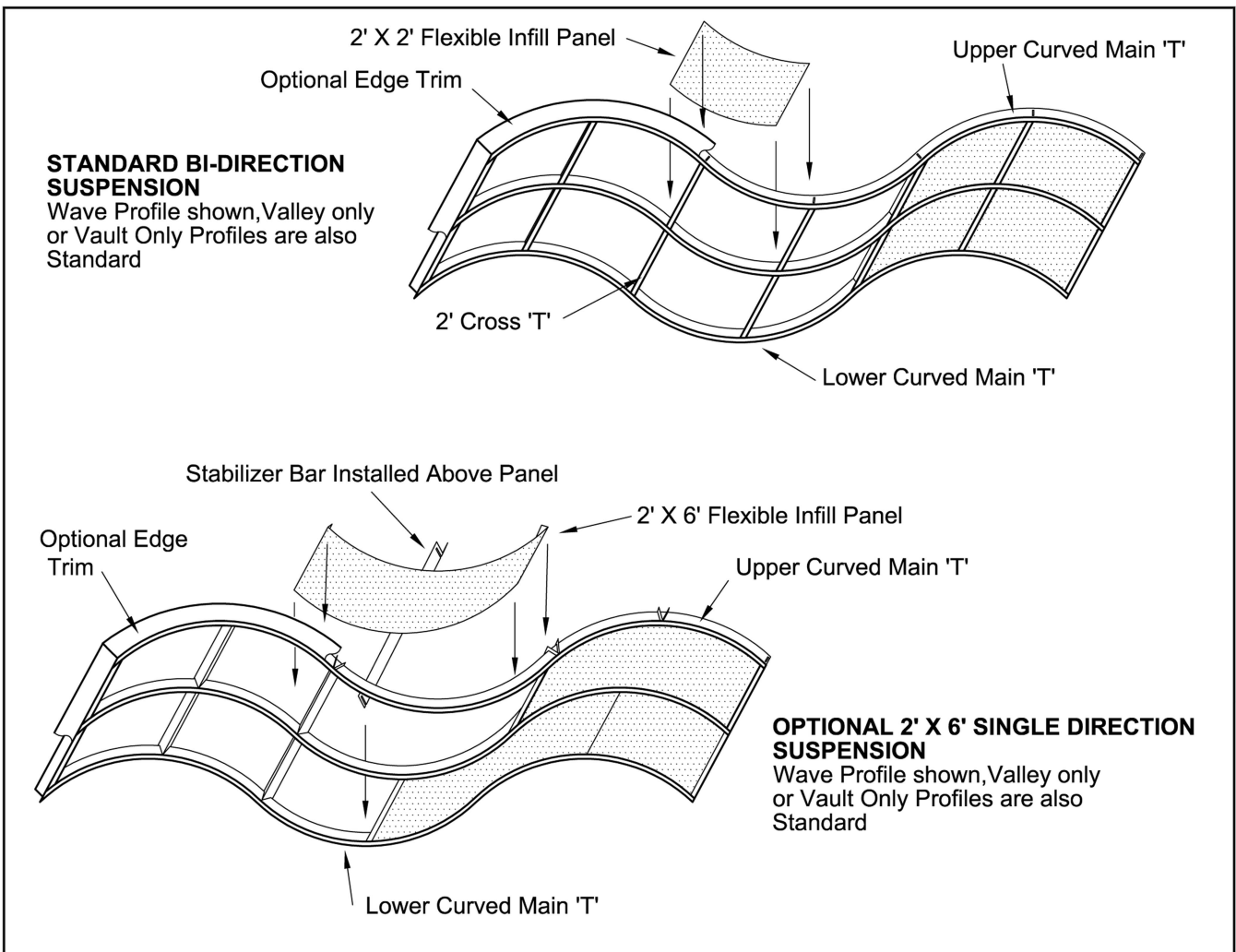
INSULATION: Acoustical insulation is optional.

FIRE CODE: Class 1 Material (ASTM E84)

MATERIAL: Aluminum of appropriate thickness
Leads - 70% Recycled Content

(Contact Factory for full Architectural Specification)

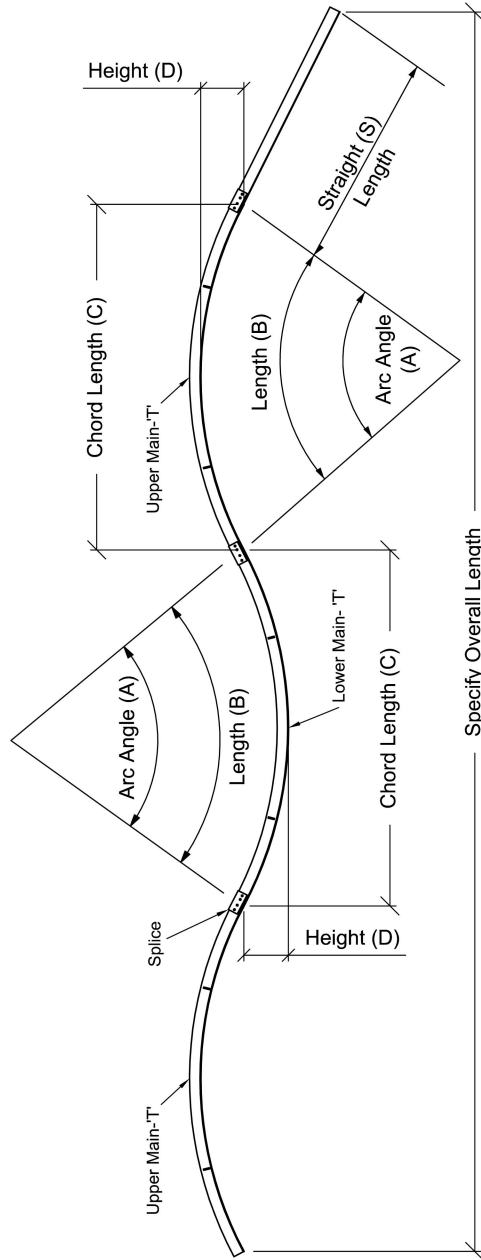
Installation



□ Technical

"The Wave" Panel System allows the Designer to add an innovative 3-Dimensional treatment to the ceiling plane. Curves, complete or partial Barrel Vaults, Undulations, and Flat Areas can be blended together to form unique applications. Standard and custom radii, chord lengths, and modules are available. Optional Edge Trim that follows the face of curved grid is a great way to provide a visual statement. Flexible Infill Panels are offered with standard and custom perforations that can create shape with textures and lighting.

"The Wave" is offered in two distinctive designs, a monolithic 2' X 2' grid pattern and a 2' X 6' blended pattern.



Specify Overall Length

Standard Straight Main- 'T'

| Straight (S) | Specify | Specify Overall Length |
|--------------|---------|------------------------|
|--------------|---------|------------------------|

Standard Curved Main- 'T' Upper/ Lower

| Arc Angle (A) | Arc Length (B) | Chord Length (C) | Arc Height (D) | Radius (U) or (L) |
|---------------|----------------|------------------|----------------|-------------------|
| 30° | 48.553" | 48" | 3.160" | 92.729" |
| 45° | 49.256" | 48" | 4.774" | 62.715" |
| 60° | 50.265" | 48" | 6.431" | 48.000" |
| 90° | 53.314" | 48" | 9.941" | 33.941" |

| Arc Angle (A) | Arc Length (B) | Chord Length (C) | Arc Height (D) | Radius (U) or (L) |
|---------------|----------------|------------------|----------------|-------------------|
| 30° | 72.829" | 72" | 4.739" | 139.093" |
| 45° | 73.885" | 72" | 7.161" | 94.073" |
| 60° | 75.398" | 72" | 9.646" | 72.000" |
| 90° | 79.972" | 72" | 14.912" | 50.912" |

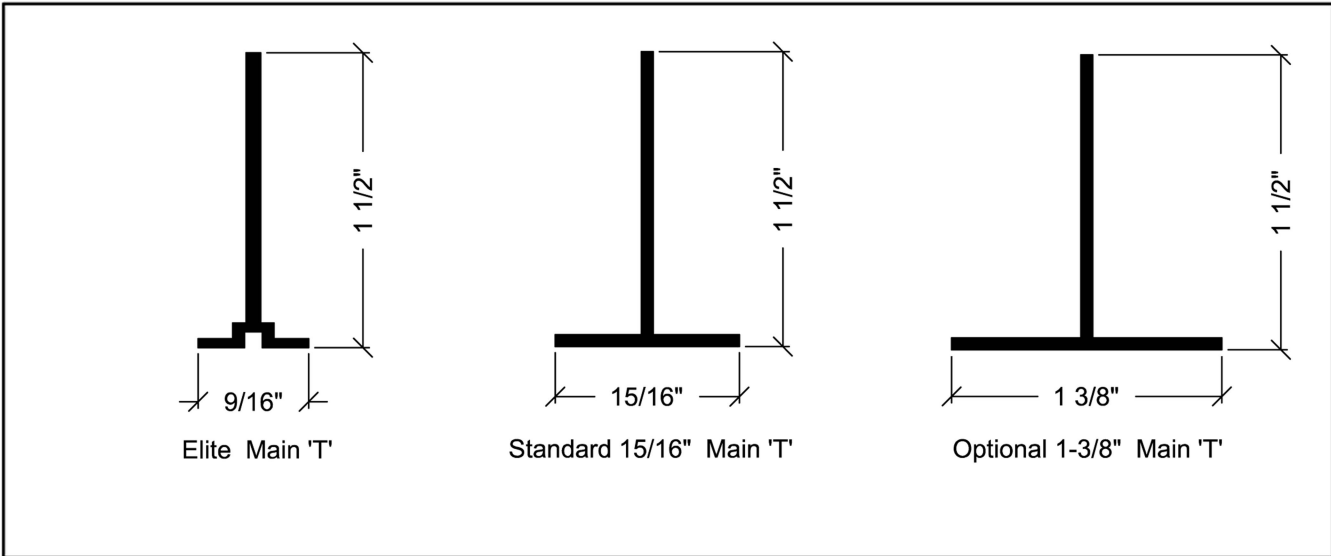
| Arc Angle (A) | Arc Length (B) | Chord Length (C) | Arc Height (D) | Radius (U) or (L) |
|---------------|----------------|------------------|----------------|-------------------|
| 30° | 97.105" | 96" | 6.319" | 185.458" |
| 45° | 98.513" | 96" | 9.548" | 125.430" |
| 60° | 100.531" | 96" | 12.862" | 96.000" |
| 90° | 106.629" | 96" | 19.882" | 67.882" |

| Arc Angle (A) | Arc Length (B) | Chord Length (C) | Arc Height (D) | Radius (U) or (L) |
|---------------|----------------|------------------|----------------|-------------------|
| 30° | 121.382" | 120" | 7.899" | 231.822" |
| 45° | 123.141" | 120" | 11.935" | 156.788" |
| 60° | 125.664" | 120" | 16.077" | 120.000" |
| 90° | 133.286" | 120" | 24.853" | 84.853" |

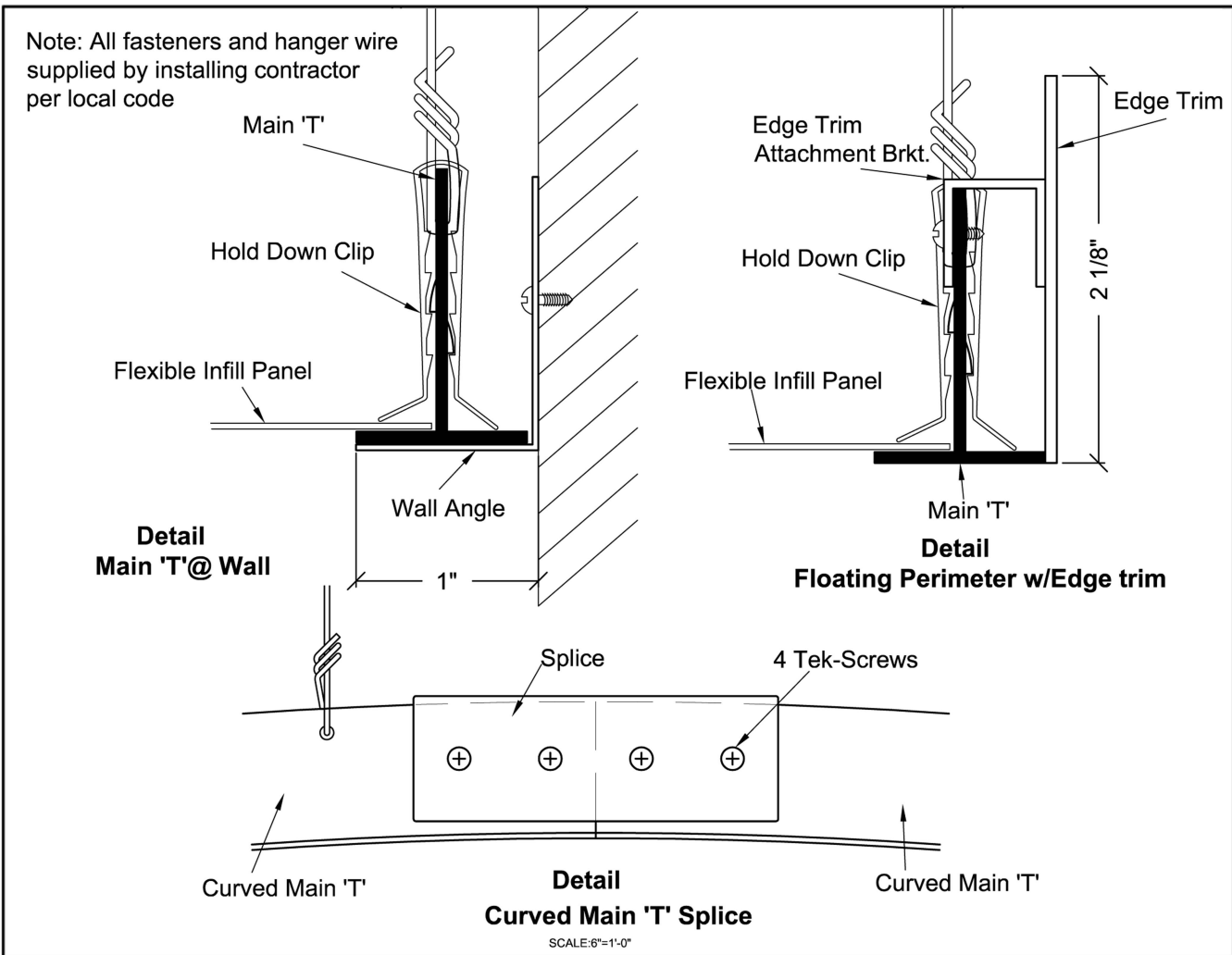


THE WAVE

□ Grid Profiles

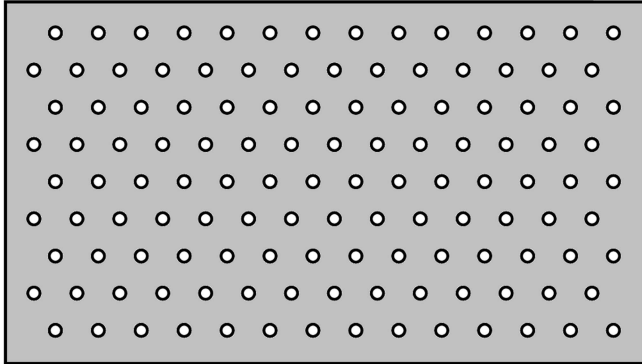


□ Details

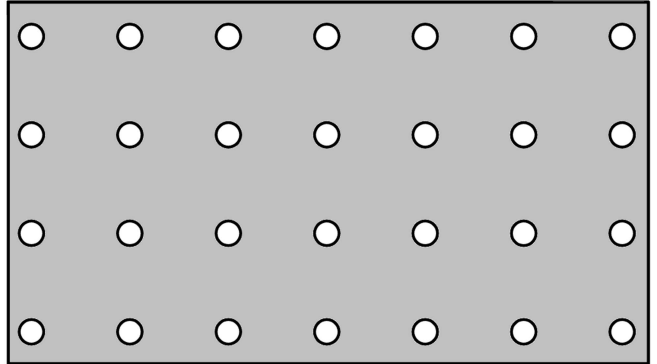


WAVE STANDARD PERFS

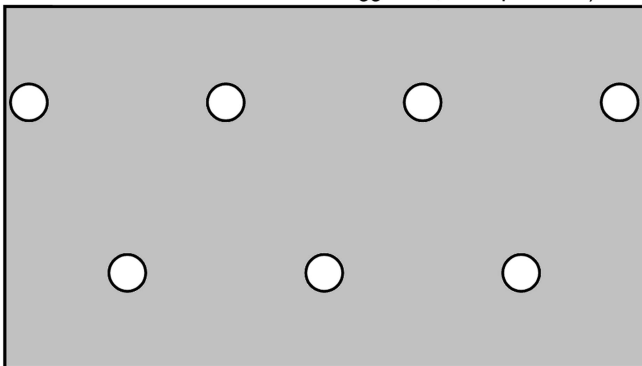
PATTERN P44 (1/16" round, 7/32" o.c., staggereds, 7% Open Area)



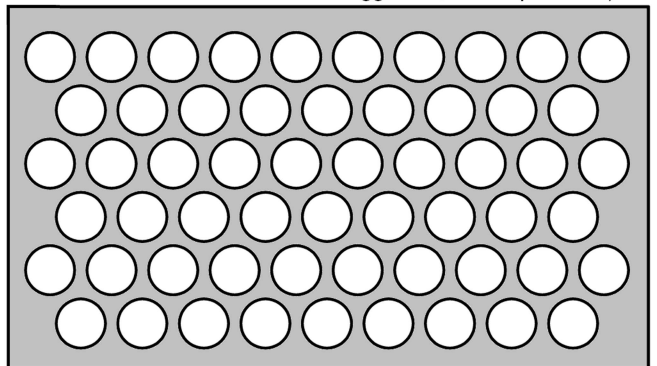
PATTERN P82 (1/8" round, 1/2" o.c., straights, 5% Open Area)



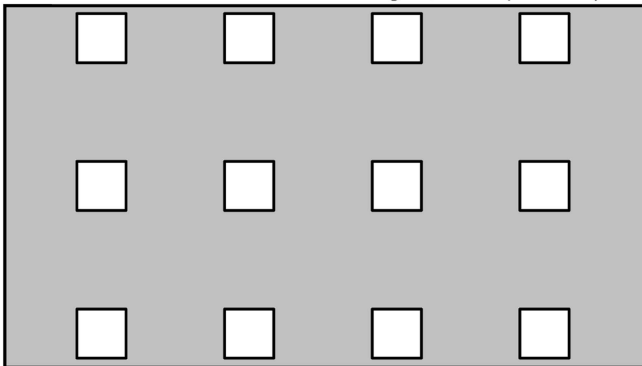
PATTERN P126 (3/16" round, 1" o.c., staggereds, 4% Open Area)



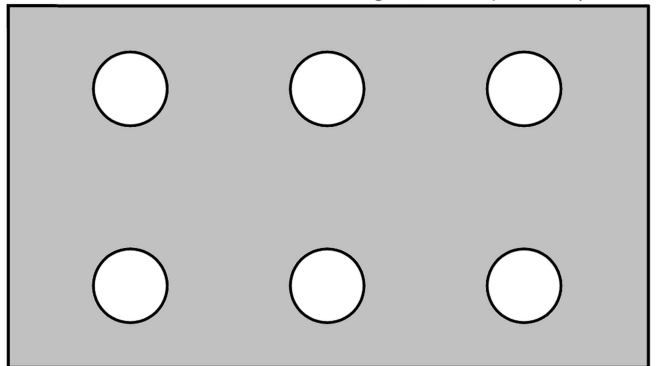
PATTERN P163 (1/4" round, 5/16" o.c., staggereds, 58% Open Area)



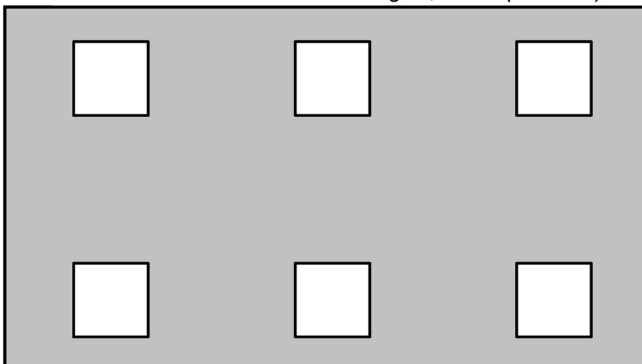
PATTERN P16S1 (1/4" square, 3/4" o.c., straights, 11% Open Area)



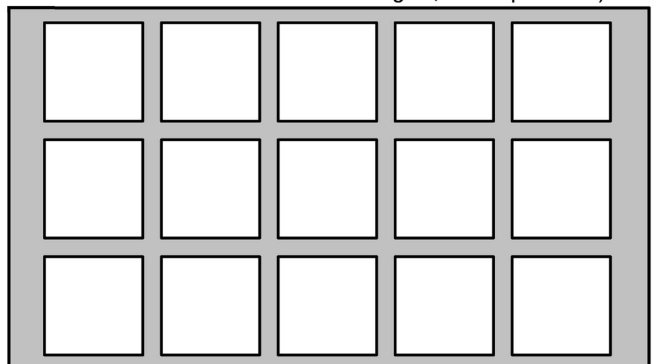
PATTERN P242 (3/8" round, 1" o.c., straights, 11% Open Area)



PATTERN P24S1 (3/8" square, 1-1/8" o.c., straights, 11% Open Area)



PATTERN P32S2 (1/2" square, 19/32" o.c., straights, 70% Open Area)



Note: Other Perforation Patterns Available at a Slight Upcharge. Contact Factory for Particulars.



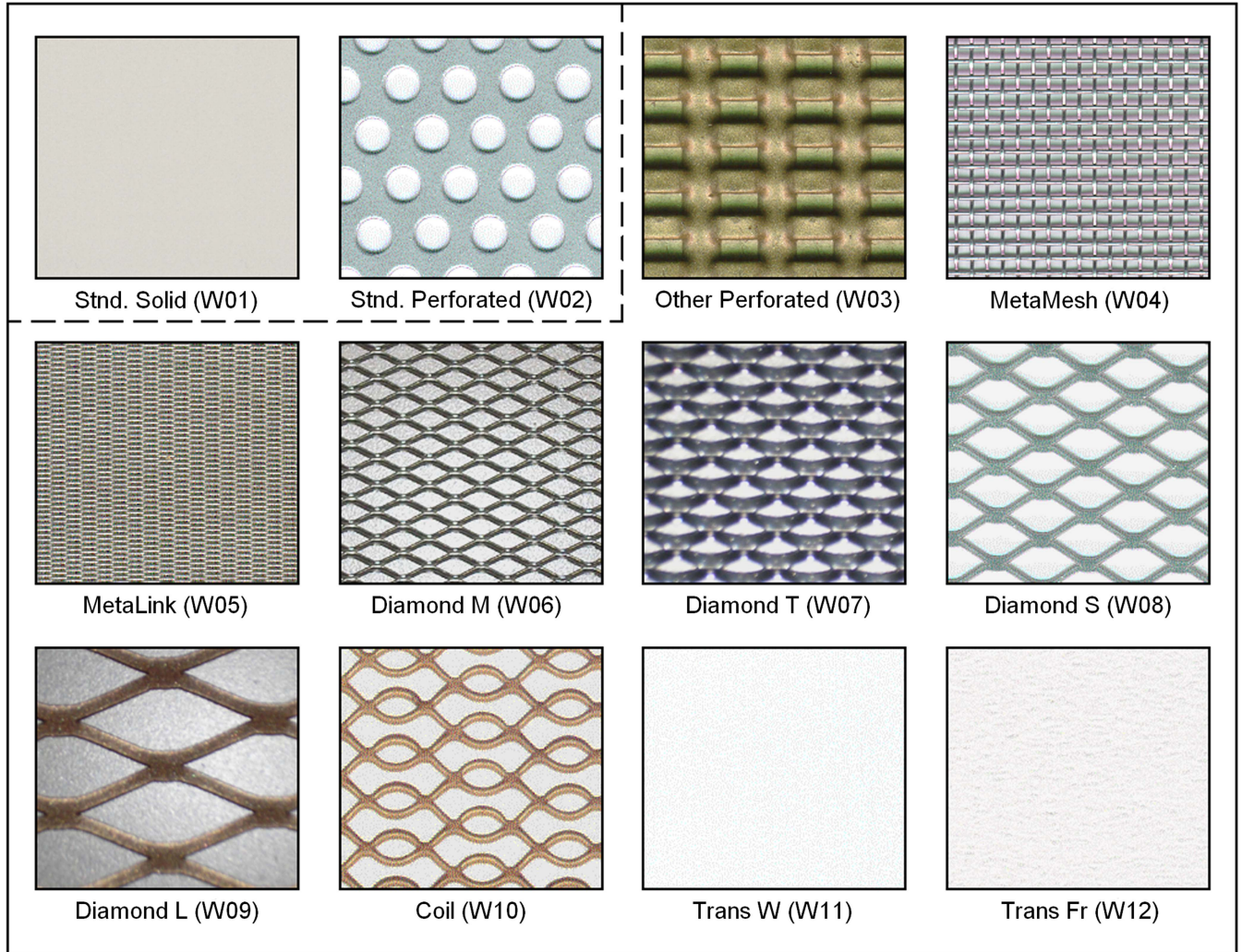
AMERICAN DECORATIVE CEILINGS

(ALL RIGHTS RESERVED) CSWAVEP4.BMP

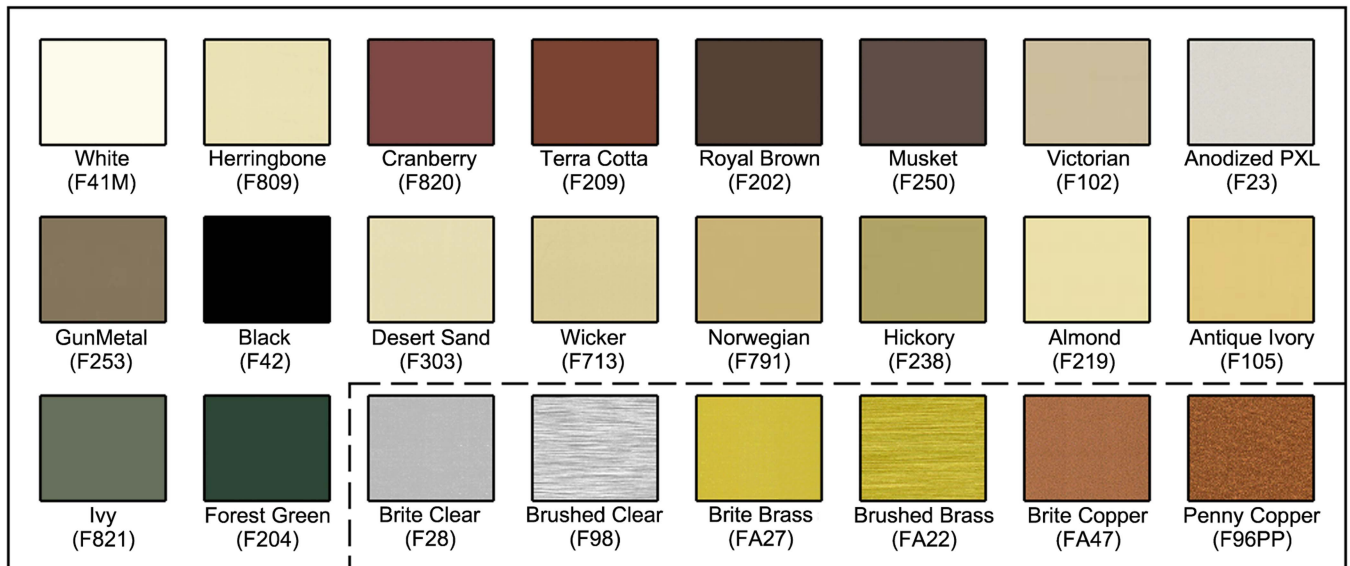
Mail: Post Office Box 605605 - Cleveland, Ohio 44105
 Packages: 4510 East 71st St. - Cleveland, Ohio 44105
 Telephone: (216) 341-2222 - Fax: (800) 336-8501
 email: info@amer-dec.com

WAVE INFILL PANELS

Infill Options Standard Infill Panels are Solid (W01) and Stnd. Perforated (W02). Other options are at a slight premium.



Color Selector Standard Colors are shown below not within the dotted area. Other finish options are at a premium.



Note: Finishes are electronic or graphic representations. For actual appearance Contact Factory for physical sample.