

Acoustic Options

PRFL-24-D is available with a range of acoustic tiling options. Zintra® Acoustic 1/2" Panels are the perfect solution for your application where sound reduction as well as aesthetics are required. Zintra's® wide range of colors and ease of use make it the ideal material for commercial, hospitality, educational and institutional projects.

- MATERIAL:** 100% Polyester with matte surface finish
1/2" thick panels available in 16 standard colors
Color uniform throughout
- COLOR FASTNESS:** In accordance with AATCC 16.3 option 3 color change at 20 FU = 4.5
- SOUND ABSORPTION:** 1.05 NRC (Noise Reduction Coefficient)
- FIRE RATING:** ASTM-E84 Class A Fire Rating
- SUITABLE APPLICATION:** Interior dry locations
- CARE INSTRUCTIONS:** Vacuum to remove dust
Remove spills immediately using a clean damp cloth or with soap and water
Carpet and fabric cleaners can be used – always test an inconspicuous area first
Stain repellent coating available for additional protection

COLORS:



HOW TO SPECIFY:

To specify acoustic tiling simply add ordering codes to the right to the end of the part number configurator (page 1). Tiling may be specified in 8", 12" and 16" heights, and for individual fixtures 2' to 8' long or continuous rows of any length in 1' nominal increments.

Tiles come pre-affixed to luminaire. No additional assembly is required. Standard lens options are SI = Satin Ice Acrylic Regressed (lay-in) or FL = Flush Opal Acrylic (snap-in) only. All other ordering options apply.

Contact Day-O-Lite for pricing, leadtimes and for non-luminaire filler panels and mounting hardware.

NRC COMPARISON*

| FREQ. Hz | 100 | 200 | 400 | 500 | 630 | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | ā | NRC |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0mm/0" | 0.03 | 0.04 | 0.12 | 0.25 | 0.32 | 0.49 | 0.61 | 0.72 | 0.82 | 0.85 | 0.91 | 0.94 | 0.95 | 0.44 | 0.45 |
| 50mm/2" | 0.20 | 0.32 | 0.63 | 0.80 | 0.89 | 1.03 | 1.04 | 0.99 | 1.07 | 1.00 | 0.93 | 0.87 | 0.92 | 0.81 | 0.80 |
| 150mm/6" | 0.29 | 0.57 | 0.97 | 0.96 | 0.91 | 1.04 | 0.92 | 0.88 | 0.94 | 0.94 | 0.91 | 0.90 | 0.91 | 0.97 | 0.90 |

Data is per Frequency/Hz in distance from wall for 1/2" material only. Consult factor for fixture data.

Ordering Guide (choose from the lists below)

| OPTIONS | HEIGHT | COLOR |
|---------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACT | | |
| ACT = Acoustic Tile | 8 = 8" 12 = 12" 16 = 16" | FR = Frost CH = Chambray IV = Ivory SM = Smoke PE = Pewter SL = Slate TR = Tar EC = Ecru LN = Linen SS = Sunshine MD = Mandarin OC = Ocre SK = Sky CO = Cobalt GR = Grass BK = Bark |