

## BALANCE™ and BALANCE PLUS Ceiling Clouds Product Information



BALANCE and BALANCE PLUS Ceiling Clouds provide acoustical control while maintaining the appearance of an open ceiling. Completely preassembled, BALANCE products are easy to suspend from any ceiling or roof deck and are ideal for open office environments and loft spaces.

### >> | Advantages

- Clean look adds dimension
- Excellent acoustical control
- Delivered completely assembled
- Easy installation
- Class 1 fire-rated

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# BALANCE™ and BALANCE PLUS Ceiling Clouds

## Product Information

### Material

BALANCE Ceiling Clouds are composed of a 15/16" (24 mm) thick WHITELINE® Panel with a lightweight aluminum frame. WHITELINE Panels feature fleece laminated to Class 1 fire-resistant willtec® foam. Panels are available in white, black or custom colors. For further acoustical control, BALANCE PLUS Panels have an additional 3/4" (19 mm) willtec backer. Offered in natural aluminum and white, BALANCE frames are available in nonexposed or exposed 3/8" (10 mm) wide flange around the perimeter.

### Sizes

- Custom sizes up to 48" x 120" (1219 x 3048 mm)
- BALANCE – 15/16" (24 mm) thick
- BALANCE PLUS – 15/16" (24 mm) with 3/4" (19 mm) backer
- Frame – 3/8" (10 mm) flange (non-exposed or exposed)

### Applications

- Open offices
- Reception areas
- Lobbies
- Conference rooms
- Libraries
- Loft spaces
- Museums
- Retail stores
- Worship centers
- Nearly any interior space that requires a clean look and acoustical control

### Installation

- Arrives completely assembled
- Easy suspension from ceiling or roof deck Z-support profiles and cable

### Physical Data—willtec® foam

|                               |                         |
|-------------------------------|-------------------------|
| Tensile Strength              | 8 PSI (ASTM D3574-77)   |
| Density                       | 0.7 lbs./cu. ft.        |
| Elongation                    | 8% (ASTM D3574-77)      |
| Heat Conductivity             | K factor = 0.24 at 50°F |
| Long-Term Service Temperature | 302°F                   |
| Fire Resistance               | Class 1 (ASTM E84)      |
| Flame Spread per ASTM         | E 84 0                  |
| Smoke Density per ASTM        | E 84 65                 |
| Color                         | White/Black             |

### Sound Absorption—Mounting Type J

| Finish       | Thickness                               | Sabins per Ceiling Cloud 48" x 48" (1219 x 1219 mm) per ASTM C423-90a |       |       |      |      |      |      |
|--------------|---|---|-------|-------|------|------|------|------|
|              |   | 125Hz   | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | Ave. |
| BALANCE      | 15/16" (24 mm)                          | 3.0   | 5.8   | 12.7  | 20.2 | 22.1 | 23.4 | 14.5 |
| BALANCE PLUS | 15/16" (24 mm) with 3/4" (19 mm) backer | 4.0   | 8.6   | 17.3  | 25.4 | 23.9 | 26.8 | 17.7 |

## >> Other Products

- Wall Panels
- Ceiling Tiles
- Baffles
- Barriers, Foams and Composites

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