

IMPACT SERIES

WALL & CEILING PANELS

The PanelTech Acoustics Impact Series Wall and Ceiling Panel is designed for use in areas that require sound-absorbing, impact-resistant tack boards, such as conference rooms, corridors, classrooms, libraries, theatres and other high-traffic areas.

CORE

Impact Series panels have a compound core of a face layer of 1/8" high-density, 16-20 pcf molded fiberglass laminated to Owens Corning 707 fiberglass — a 7 pcf (pounds per cubic foot) density board with superior surface smoothness, sharp edge detail and dimensional stability. The molded fiberglass sheet gives the Impact panel the impact-resistance and tackability and also increases the sound absorption in the lower frequencies.

SIZES

Available thicknesses: 1 1/8", 1 5/8", 2 1/8", 3 1/8" and 4 1/8". Standard and custom sizes and shapes up to 48" x 96". Widths up to 60" and lengths up to 120" available upon request.

EDGE DETAIL

All edges are resin hardened, unless otherwise requested. Edges can be square or beveled. Beveling options are many, including full reverse mitering for corners.

FINISHES

Fabrics from all major brands are available, but we recommend the broad selection from Guilford of Maine. For one thing, they make most of the fabrics for the other companies, but most importantly, they publish acoustical transparency ratings for all of their acoustic panel fabrics. With 62 style patterns and multiple colors per pattern, there are 658 fabric/color combinations to choose from. For sanitary considerations in restaurant kitchens, emergency rooms and other cleanroom applications, a USDA-approved Tedlar encapsulation is offered.



RESIN-HARDENED EDGE

ACOUSTICAL
CORE

MOLDED
FIBERGLASS

FABRIC
FINISH

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MOUNTING

Standard mountings include impaling clips with perimeter adhesive, Z-clips, wall bars, concealed kerf/splines and hook-and-loop. Standard ceiling mountings include wall bar to wall bar or lay-in. Cloud mounting is accomplished with acoustical anchors — eyelet or D-ring — embedded in resin spots on the back. A white fiberglass scrim is recommend for the backs of clouds to eliminate any possibility of airborne migration of particulates.

ACOUSTICAL PERFORMANCE

Thickness	NRC
1 ¹ / ₈ "	.90
1 ⁵ / ₈ "	1.00
2 ¹ / ₈ "	1.10
3 ¹ / ₈ "	1.15
4 ¹ / ₈ "	1.25

FIRE RATING

All components of the Impact Series panels conform to ASTM E84 and are rated Class I/A.

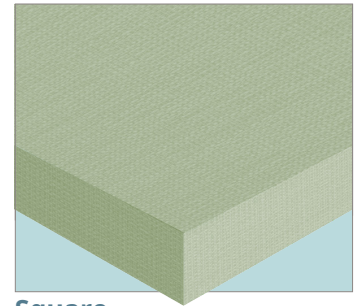
RECYCLED CONTENT

Impact Series panels use the Owens Corning 707 fiberglass board core that is eligible to bear the Green Cross label for recycled content. 707 is certified on average to contain at least 35% recycled glass, with 9% post-consumer and 26% pre-consumer content.

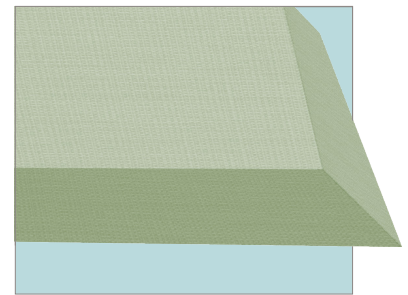
WARRANTY

Impact Series panels are warranted to be free from defects in material and workmanship for 3 years from date of purchase.

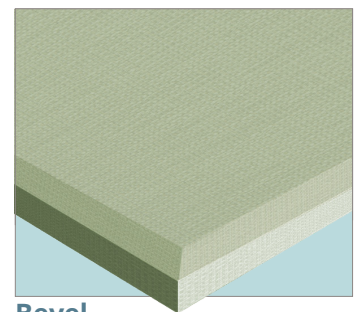
EDGE DETAIL



Square



Miter



Bevel