

J2 PET Felt Composite Panel

PRODUCT DATA AND SPECIFICATIONS

J2 PET Felt Composite Panels consist of a 3mm PET Felt facing on top of a 9mm or 12mm PET Felt backer. This composite construction allows for dramatic edge details, as well as contrasting color reveals when engraved. Our panels are eco-friendly, as they are made from recycled material. We offer the 3mm Felt facing in 48 colors, and the 9mm or 12mm PET Felt backer in 28 colors.

Composition

100% PET (>75% recycled PET material)

Thickness

12mm, 15mm, other custom thicknesses available

Density

1900g/sqm-2400g/sqm (approx 12pcf)

Dimensions

Full Panel 39in x 96in

Fire Rating

ASTM E84 - Class B (Class A panels available on request, color options may vary)
EN13501 - Class B

Acoustic NRC

0.3-0.9 Depending on thickness and air gap

Application

Screen, wall, and ceiling panels

Material Notes

Variation in thickness, fiber mix and color, as well as flecks and other slight surface blemishes are an inherent feature of this product and are unavoidable. Variation from batch to batch may occur.

Cleaning and Care

Remove dust and dirt by dusting, vacuuming, or with a soft cloth or sponge and a solution of carpet or upholstery shampoo. Use a soft, damp cloth and blot dry. Spot cleaner can be used for lightly soiled areas.

Mounting Options

Panels can be installed on wall and ceiling surfaces via fasteners, or standard construction adhesives. When installing with adhesives, the panels can be mounted directly to the surface, or furring strips can be installed to create an air gap behind the panels.

Warranty

2-year warranty against workmanship and manufacturing defects.

12mm PET Acoustic Felt NRC Comparison:

| Frequency/Hz | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | NRC |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| No Cavity | 0.04 | 0.03 | 0.04 | 0.05 | 0.06 | 0.10 | 0.11 | 0.22 | 0.30 | 0.43 | 0.55 | 0.65 | 0.73 | 0.82 | 0.92 | 0.98 | 1.03 | 0.4 |
| 50mm / 2in | 0.16 | 0.16 | 0.19 | 0.29 | 0.38 | 0.48 | 0.61 | 0.75 | 0.83 | 0.97 | 0.97 | 0.93 | 0.96 | 0.91 | 0.86 | 0.83 | 0.89 | 0.75 |
| 150mm / 6in | 0.26 | 0.37 | 0.41 | 0.62 | 0.68 | 0.82 | 0.89 | 0.98 | 0.90 | 0.92 | 0.81 | 0.75 | 0.82 | 0.87 | 0.87 | 0.90 | 0.90 | 0.85 |