

# The Green Products Company

*"Building A Greener Tomorrow!"*

A DIVISION OF ACOUSTICAL SURFACES, INC.

123 Columbia Court North ■ Suite 201 ■ Chaska, MN 55318  
(952) 448-5300 ■ Fax (952) 448-2613 ■ (800) 708-0517

Email: [sales@thegreenproductscompany.com](mailto:sales@thegreenproductscompany.com)  
Visit our Website: [www.thegreenproductscompany.com](http://www.thegreenproductscompany.com)



## COTTON POLY BLEND ACOUSTICAL BACKER

### GREEN QUALITIES:

- 42% Recycled Content
- Low Cost

### CERTIFICATIONS/ PERFORMANCE RATING

- Density of 3 lb./sq. ft.
- R-value of 3.5
- ASTM E84 Class 1

### DESCRIPTION:

Cotton Poly Blend is made from recycled cotton and polyester. The Cotton Poly Blend panels are 100% recyclable by sending back to manufacturer, and can contribute to LEED points. The Cotton Poly Blend panels are ideal as an acoustical backer.

**Material:** Cotton Poly Blend – 50% Polyester & 50% Recycled Cotton.

**Part #:** CPB146BG3

### PRODUCT DATA:

**Specifications:** R-value + 3.5.

**Fiber Type:** 50% 4 Denier Polyester Low Melt Binder Fiber/50% FR Treated Recycled Cotton Fibers.

**Weight:** 36.0 oz./yd<sup>2</sup> + 8.0 / 2.7 oz./yd<sup>2</sup>.

**Density:** 3.0 lb/ft<sup>3</sup>.

**Sheet Thickness:** 1.0" +/-0.150" (25mm +/- 3.75mm).

**Sheet Width:** 48.0" +/- .25".

**Sheet Length:** 68.0" +/- .50".

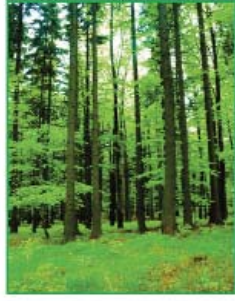
**Tensile:** Longitudinal-11.4 lbs/in<sup>2</sup> & Lateral-50.9 lbs/in<sup>2</sup>.

**Compression Resistance:** 86.0 lbs. @ 50% Deflection / 15.0 lbs. @ 25% Deflection.

### SOUND ABSORPTION (ASTM E-1050)

Frequency (Hz)	Sound Absorption %
250	0.399
500	0.406
2000	0.792
4000	0.779

Continued on next page...



# The Green Products Company

*"Building A Greener Tomorrow!"*

A DIVISION OF ACOUSTICAL SURFACES, INC.

123 Columbia Court North ■ Suite 201 ■ Chaska, MN 55318  
(952) 448-5300 ■ Fax (952) 448-2613 ■ (800) 708-0517

Email: [sales@thegreenproductscompany.com](mailto:sales@thegreenproductscompany.com)

Visit our Website: [www.thegreenproductscompany.com](http://www.thegreenproductscompany.com)

---

## FLAMMABILITY:

---

FMVSS-302 (Self-Extinguishes) / ASTM E84 (Pass) & UL 94-V0 (Pass).

## APPLICATIONS:

---

Cotton Poly Blend panels are ideally suited as an acoustical backer. Other applications are school gymnasiums, cafeterias, classrooms, churches, multi-purpose rooms, community centers and more.

## INSTALLATION:

---

ASI S.T.O.P. Noise Acoustical Adhesive.