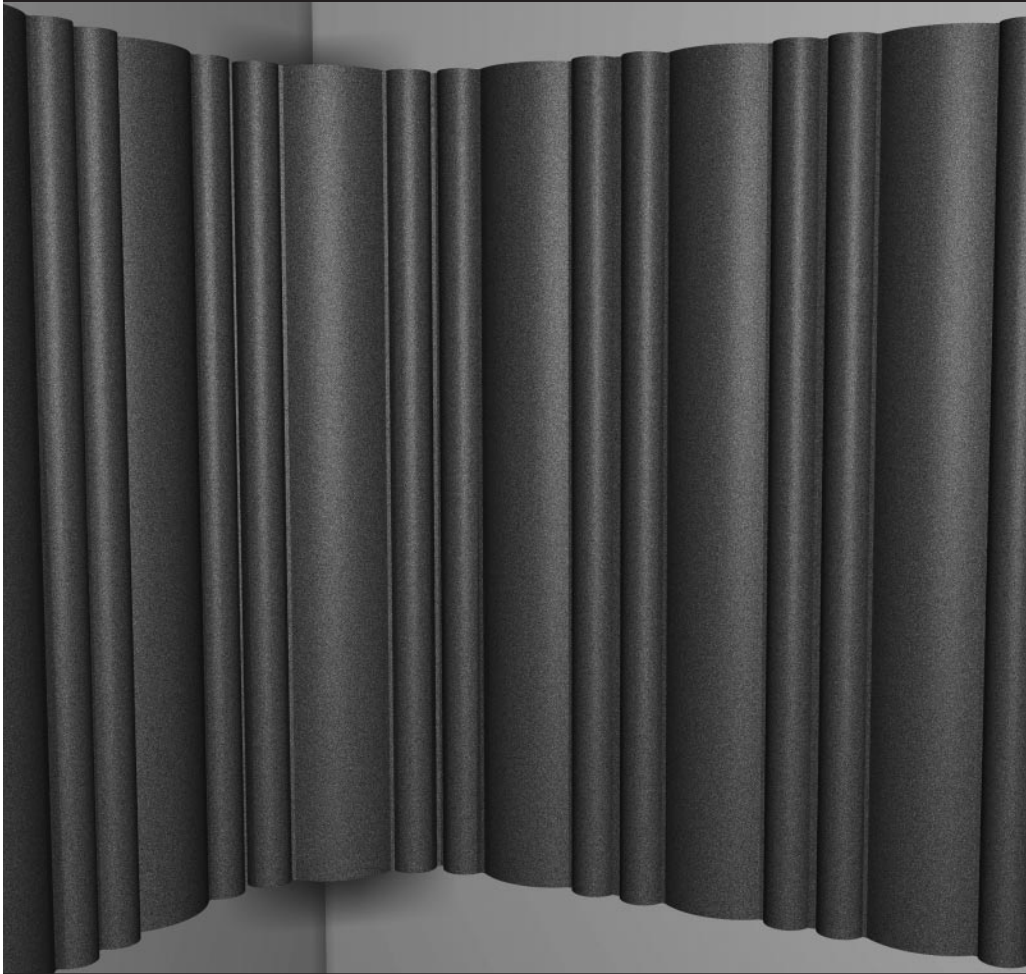


ProCorner™



*The First Optimized Corner Mounted
Profile Foam From The Acoustical
Industry's Leading Innovator*

Acoustical foam provides the most cost effective approach to controlling interfering reflections and noise. RPG® revolutionized the acoustic foam industry by introducing the first stackable foam with an innovative profile design. Now RPG® expands this concept by introducing ProCorner™: the first optimized corner mounted foam. By combining the ProCorner™ with ProFoam™, a complete acoustical foam room treatment system is possible.



The Sound of Innovation

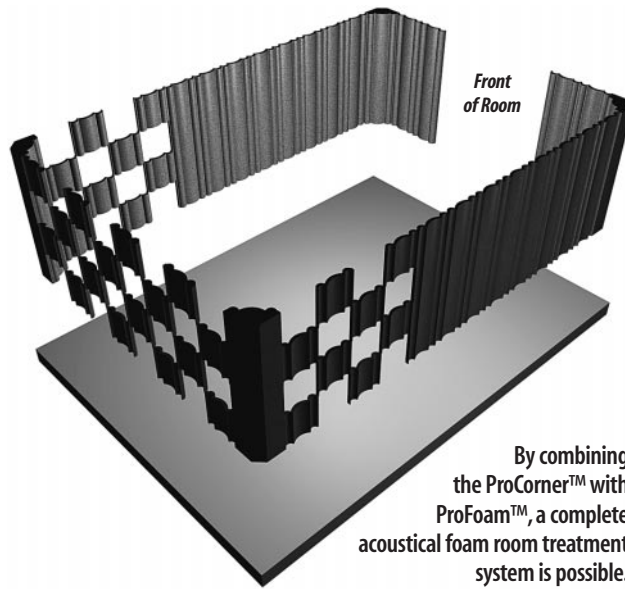
Problem and Solution

Problem

In rooms in which acoustic foam is used as the primary surface treatment, a system that includes coordinated, attractive wall and corner panels is needed.

Solution

The RPG® ProCorner™ complements the ProFoam™ nestable wall panels to create a complete acoustical foam room treatment. The ProCorner™ integrates seamlessly with the ProFoam™ wall panels and offers an NRC of 1 for exceptional broad-bandwidth absorption.



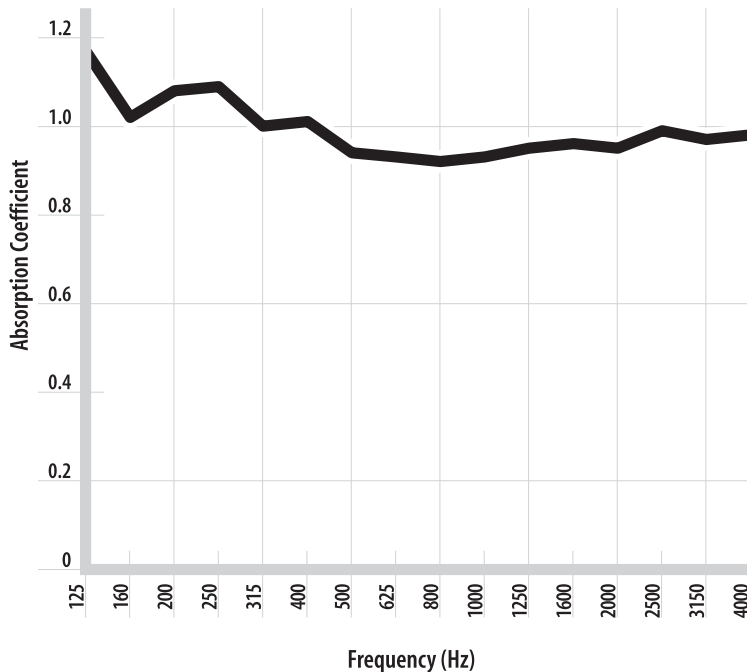
FEATURES

- New optimized and attractive corner profile
- NRC of 1.0
- Surface profile matches ProFoam™ panels
- Installs easily
- Available in Class A Melaflex™ and UL94 Polyflex™ (polyurethane)

BENEFITS

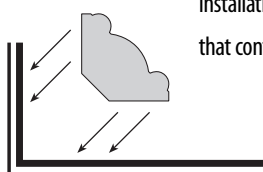
- The ProCorner™ offers a designer corner treatment that adds an interesting acoustic sculpture to the room's corners while helping to control excessive sound pressure buildup
- A NRC of 1.0 guarantees absorption across the audio spectrum for a more uniform room response
- The ProCorner™ seamlessly integrates with the ProFoam™ wall panels to provide a complementary acoustical system for interior design and sound control
- The ProCorner™ is lightweight and can be easily mounted with adhesive for quick and effective acoustic treatments

Performance Specifications



The ProCorner™ offers ideal absorption across the audio spectrum in a convenient corner mounted panel. The graph indicates the random incidence absorption coefficient measured at Riverbank Labs.

Installation



Installation of ProFoam™ is quick and easy. Simply apply construction adhesive to the sides that contact the mounting surface. Hold the ProCorner™ in place until the adhesive cures.

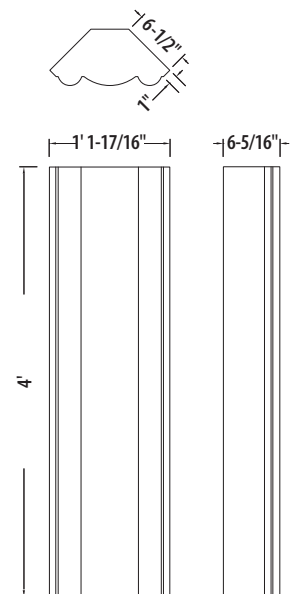


APPLICATIONS

All critical listening rooms, including recording studios, broadcast studios, vocal booths, home theaters, quality control rooms, CD mastering, film mix and dubbing stages, and music practice rooms

SPECIFICATIONS

- Size: 4' (H) x 1' 1-7/16" (W) x 6-5/16" (D)
- Unit Weight: 3 1/2lbs.
- Shipped: 4 units per box (16 linear feet)
- Class A Melaflex™ is available in white, white flec, and gray flec
- Class B/C Polyflex™ is available in charcoal gray, blue, and purple



Standard Unit Construction

4' height x 1' 2" width nominal (4' x 1' 1-7/16") x 6-5/16" deep

Polyurethane foam

Product Options*, **

Material Selection

Melamine foam

Option Sheet

Note:

All dimensions are allowed a tolerance of $\pm 1/16$ " due to material shrinkage and variations.

** Most options merit an increase or, in some cases, a decrease in pricing compared to the standard unit.*

*** Due to material availability, RPG® reserves the right to change options at any time. Therefore, any special options—whether listed or not—must be confirmed prior to submittal of P.O. and acceptance verified by RPG® Diffusor Systems, Inc.*



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Corner Mounted Profiled Acoustical Foam

CSI Specifications

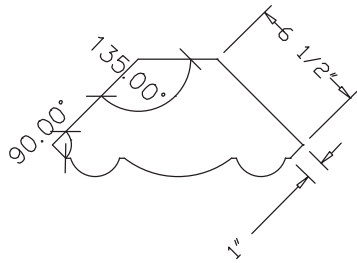
- A** The Corner Mounted Profiled Acoustical Foam shall be the model ProCorner™ as manufactured by RPG® Diffusor Systems, Inc., Upper Marlboro, MD 20774. Tel: 301-249-0044, Fax: 301-249-3912.
- B** The Corner Mounted Profiled Acoustical Foam shall be fabricated as specified from either Melaflex™ or Polyflex™.
- C** The Corner Mounted Profiled Acoustical Foam shall contain a plurality of rounded arcs to provide a decorative architectural surface topology and integrate with ProFoam™.
- D** Absorption Coefficients and Noise Reduction Coefficient for the product shall be measured by an independent, accredited NVLAP facility according to the test methods as defined by ASTM C 423 and ASTM E 795. Random incidence Absorption Coefficients for the product in a Type A mounting shall be as follows:

125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC
1.17	1.09	0.94	0.93	0.95	0.98	1.00

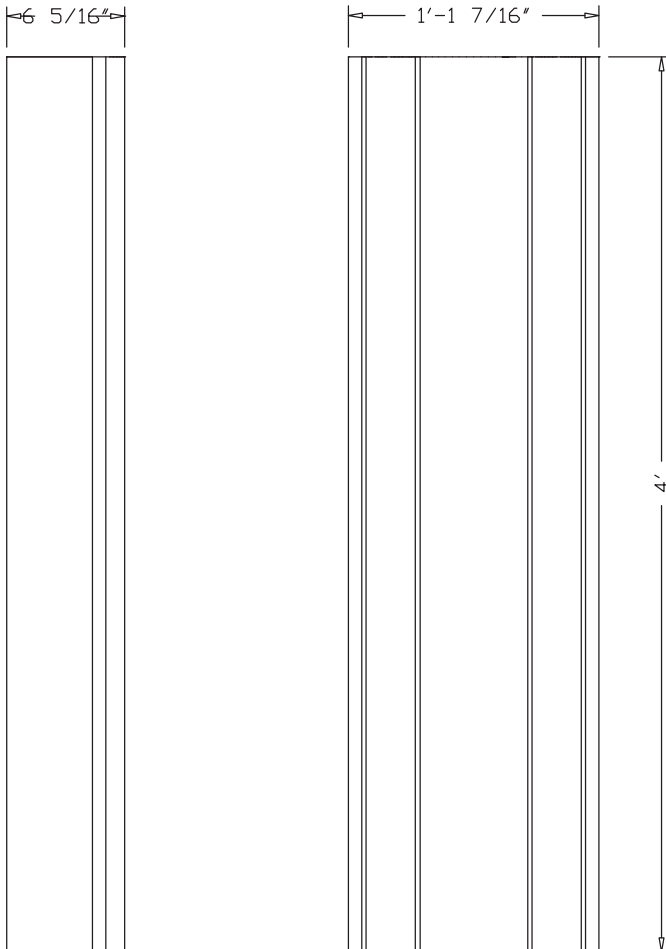
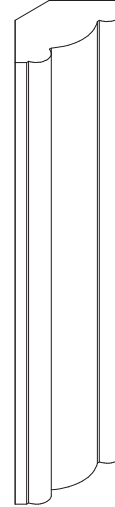
- E** The Melaflex™ Corner Mounted Profiled Acoustical Foam is fabricated from non-fibrous, fire resistant, open cell, lightweight (0.6lb³) BASF melamine foam. It is in full compliance with all National Life Safety Codes for Class A interior use. Melaflex™ has a flame spread of 10 and a smoke development rating of 50 as per ASTM E-84 testing standards. The Polyflex™ Corner Mounted Profiled Acoustical Foam is fabricated from a UL94 2lb³ polyester urethane which should only be used in Class B or C spaces.
- F** The Melaflex™ Corner Mounted Profiled Acoustical Foam shall be supplied in a white, white flec, or gray flec finish as specified. The Polyflex™ Corner Mounted Profiled Acoustical Foam shall be supplied in a purple, blue, or charcoal gray finish as specified.
- G** The overall dimensions shall be 4'(H) x 1' 1-7/16"(W) x 6-5/16"(D). Unit Weight shall be 3-1/2lbs.



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4' Cutsheet



Project:

Specifier:

Drawing Number:

Date:

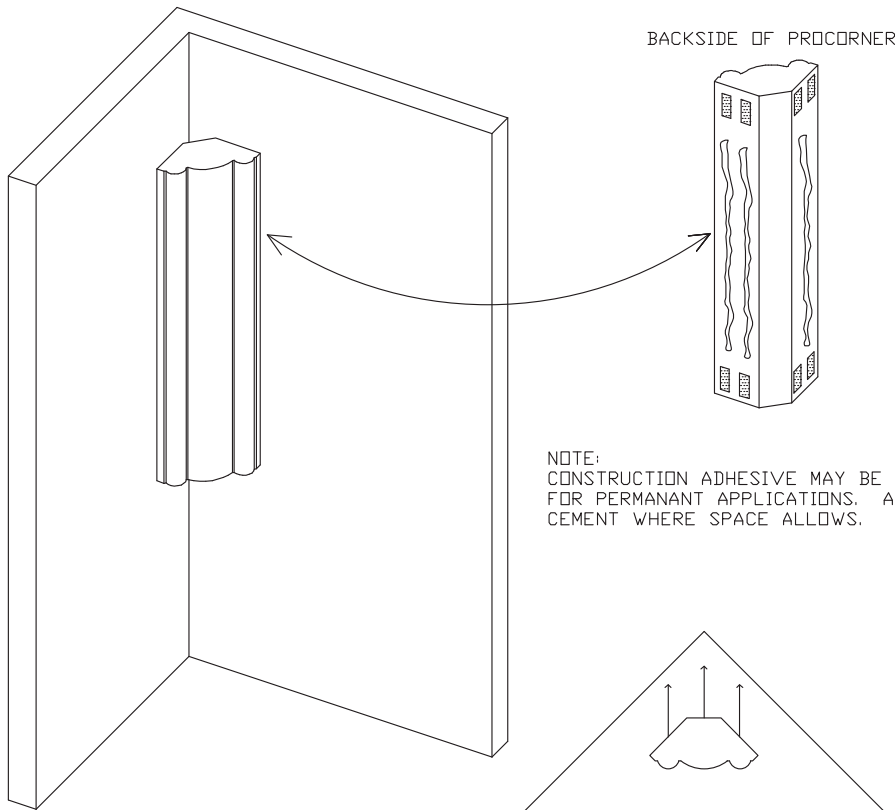
Tolerance: ± 1/16"



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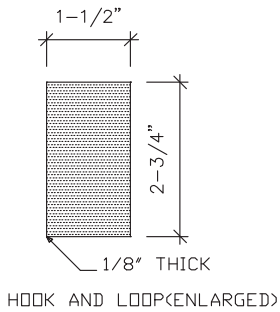
Surface Mount



NOTE:
CONSTRUCTION ADHESIVE MAY BE USED
FOR PERMANANT APPLICATIONS. APPLY
CEMENT WHERE SPACE ALLOWS.



NOTES: PLACE ACCORDINGLY ON CORNER



NOTES: MAKE CERTAIN BOTH SIDES TOUCH WALL

Project:

Specifier:

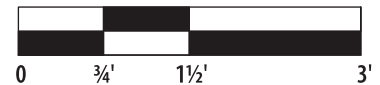
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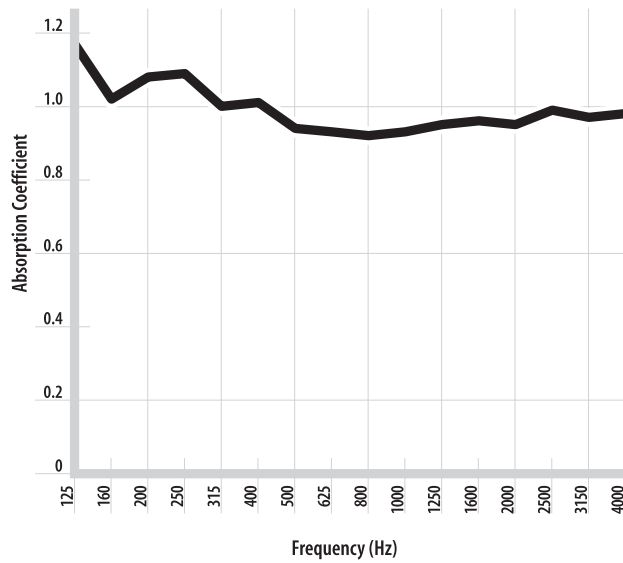
All dimensions should be field verified prior to installation.



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Absorption Coefficients



Hz	Absorption Coefficient
125	1.17
160	1.02
200	1.08
250	1.09
315	1.00
400	1.01
500	0.94
630	0.93
800	0.92
1000	0.93
1250	0.95
1600	0.96
2000	0.95
2500	0.99
3150	0.97
4000	0.98



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