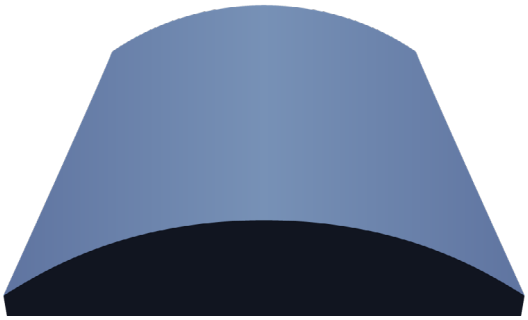
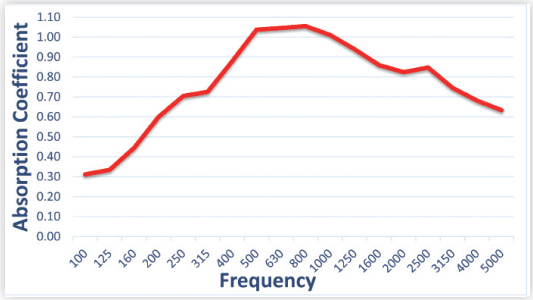
BAD™ Arc





The sound absorption chart above represents the performance of the standard 4" BAD™ Arc in a reverberation chamber per ASTM-C423.

Additional test data is available – please see the Supplementary Acoustical Data Charts online or contact your local RPG Sales Representative.

Frequency (Hz)	Absorption - 4" BAD™ Arc Panel
100	0.31
125	0.34
160	0.45
200	0.60
250	0.70
315	0.73
400	0.88
500	1.04
630	1.05
800	1.06
1000	1.01
1250	0.94
1600	0.86
2000	0.82
2500	0.85
3150	0.75
4000	0.68
5000	0.63
NRC	0.90
SAA	0.88

PRODUCT OVERVIEW

The **BAD™ (Binary Amplitude Diffuser) Arc Panel** is an advancement on the traditional, flat BAD™ Panel, a synergy of advanced acoustical technology and simplicity of design for when performance is paramount but budgets are modest. Using an optimal binary pattern of perforations through a Class A fire-rated curved, rigid template, the **BAD™ Arc Panel** achieves an excellent balance of sound absorption across the NRC frequency bands while preserving the space's ambiance. This unique hybrid technology eliminates excessive high-frequency absorption, transitions to a scattering surface in the very high frequencies, prevents lobing inherent in common perforated surfaces and significantly improves mid and low-frequency absorption.

SIZING

- Standard Panel: 23-5/8" W x 47-1/4" L x 4" D
- Maximum Panel: 4' W x 8' L
  (Custom widths and lengths are available. Deeper units for low-frequency extension can also be provided.)
- Each panel weighs approx. 3.50 lbs/ft^2

COMPOSITE FIRE RATING

Class A (per ASTM E-84)

FINISH

The **BAD™ Arc Panel** can be wrapped with RPG reviewed industry standard and custom fabrics. Fabrics with acoustical performance data are preferred.

INSTALLATION

The **BAD™ Arc Panel** can be quickly and easily hung on any wall surface using RPG's Impalit™ clip. For ceiling applications, the panels can be either direct mounted with Z-bar attachments or suspended using a cloud anchor kit. Panels can also be configured to be installed in standard 15/16" HD T-grid supplied by others.