

Blue = 1-3/8" BAD™ 2.0 Panel = NRC 0.85, SAA 0.81  
 Green = 2-3/8" BAD™ 2.0 Panel = NRC 0.90, SAA 0.86  
 Red = 3-3/8" BAD™ 2.0 Panel = (Predicted) NRC 0.85, SAA 0.83  
 Purple = 4-3/8" BAD™ 2.0 Panel = NRC 0.80, SAA .081

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

Frequency (Hz)	2-3/8" BAD™ Panel 2.0
100	0.41
125	0.62
160	0.89
200	0.93
250	0.96
315	1.09
400	0.97
500	1.03
630	1.01
800	0.88
1000	0.81
1250	0.76
1600	0.69
2000	0.60
2500	0.53
3150	0.46
4000	0.39
5000	0.37
NRC	0.90
SAA	0.86

## PRODUCT OVERVIEW

The **BAD™ (Binary Amplitude Diffuser) 2.0 Panel** redesigns an RPG classic that brings with it improved off-axis diffusion and boosted absorption through the mid-range frequencies.

The **BAD™ 2.0 Panel** offers a unique synergy of advanced acoustic technology and simplicity of construction when performance is paramount and budgets are modest. Utilizing a newly optimized binary pattern of perforations in a flexible template over a sound-absorbent core, it achieves an excellent balance of sound absorption across the NRC octave bands while preserving the space's ambiance by rolling off the high-frequency absorption above 1000Hz and transitioning to a scattering surface above 2000Hz which prevents lobing effects inherent in typical perforated surfaces. The transition from absorption to diffusion is ideal.

Consider pairing it with the new Modsorb™ 2.0 Panel and the Broadsorb™ 2.0 Panel for a complete acoustic solution. All three panel types now share identical thicknesses, making them interchangeable during design.

## SIZING

- Standard Panel: 4' W x 10' L x 1-3/8", 2-3/8", 3-3/8" & 4-3/8" T
- Maximum Panel: 4' W x 10' L  
(Custom panel widths and lengths are available)
- Each 1-3/8" thick panel weighs approx. 1.00 lbs/ft² (add 1/2lb for each additional 1" of thickness)

## FIRE RATING

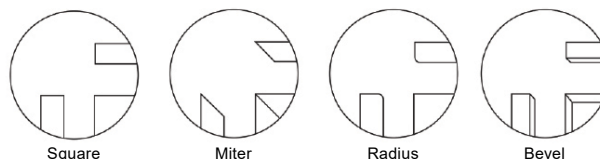
All Class A Components (per ASTM E-84)

## FINISH

The **BAD™ 2.0 Panel** can be wrapped with RPG-reviewed industry standard and custom fabrics. Fabrics with acoustical performance data are preferred.

## INSTALLATION

The **BAD™ 2.0 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.



Previously: BAD Panel