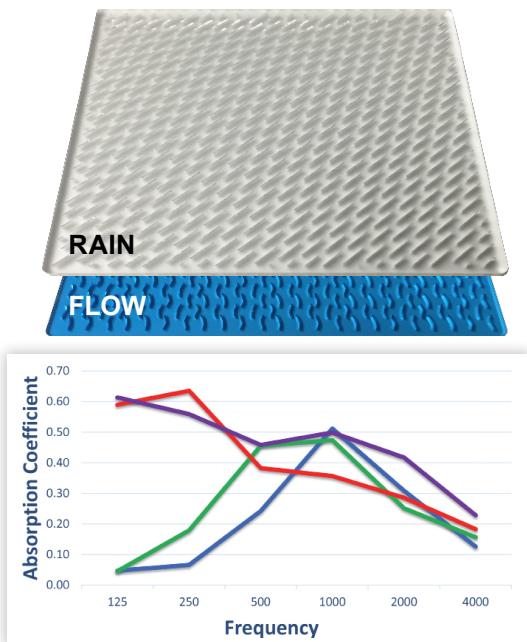


# Clearsorbor® Panels



The sound absorption chart above represents octave band data for a 3/16" thick ClearSorbor™ Panel in a reverberation chamber per ASTM-C423.

Blue = ClearSorbor® Panel, 1 layer + 1.5" air space = NRC 0.30

Green = ClearSorbor® Panel, 1 layer + 3" air space = NRC 0.35

Red = ClearSorbor® Panel, 1 layer, E-mount = NRC 0.45

Purple = ClearSorbor® Panel, 2 layers @ 1.5" spacing,

E-mount= NRC 0.50

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

Frequency	Clearsorbor Panel + 3" Air Cavity
100	0.10
125	0.03
160	0.00
200	0.10
250	0.20
315	0.24
400	0.34
500	0.45
630	0.58
800	0.53
1000	0.48
1250	0.41
1600	0.32
2000	0.23
2500	0.21
3150	0.19
4000	0.12
NRC	0.35
SAA	0.35

## PRODUCT OVERVIEW

**Clearsorbor® Panels** (Acrylic or PETg) are a patent-pending micro-slotted, acoustic panel system designed to absorb sound in the mid-range (human speech) frequencies. They can also be configured to achieve sound absorption in low and high-frequency ranges. As a 100% fiber-free product, they can address high humidity and wet environments without the concern over air quality. **Clearsorbor® Panels** combines high transparency for clear viewing or natural daylighting with acoustic performance. Translucent options can provide privacy or enhance lighting effects; second surface high-definition digital printing can give photo-quality imagery.

## SIZING

- Standard Panel: 4' W x 8' L x 0.177" T  
(Custom panel widths and lengths are available)
- 0.177" thick panel weighs approx. 1.25 lbs/ft<sup>2</sup>.

Contact your local RPG Sales Representative for additional patterns, colors, and weights.

## FIRE RATING

Class C (per ASTM E-84)

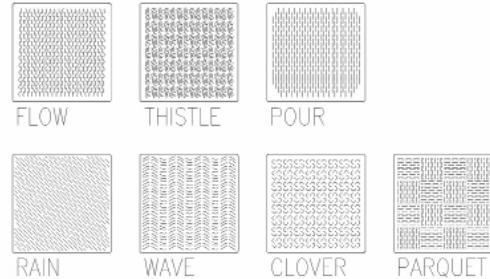
## FINISH

**Clearsorbor® Panels** are available in matte, high gloss and textured surfaces and in clear to translucent and opaque finishes. There are various micro-slit patterns to choose from and custom patterns may be available.

## INSTALLATION

**Clearsorbor® Panels** are best mounted using standoffs, tensioned cable systems, or integrated directly into an existing mullion. Several different options are available for each mounting type.

## STANDARD PATTERNS



Previously: ClearSorbor® A and PETg

