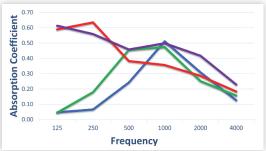# Clearsorber® Panels FX

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

Blue = Clearsorber® Panel, 1 layer + 1.5" air space = NRC 0.30
Green = Clearsorber® Panel, 1 layer + 3" air space = NRC 0.35
Red = Clearsorber® Panel, 1 layer, E-mount = NRC 0.45
Purple = Clearsorber® 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	Clearsorber 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

Clearsorber® Panels FX (Acrylic or PETg) are a patented 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 FX** combines graphic options with acoustic performance. High-definition quality digital printing on the second surface can give photo-quality imagery to any project.

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^2. Contact your local RPG Sales Representative for additional patterns, colors, and weights.

FIRE RATING

Class C (per ASTM E-84)

FINISH

Clearsorber® Panels FX are available in high gloss finish with various micro-slit standard patterns to choose from. Custom patterns may be available.

INSTALLATION

Clearsorber® Panels FX 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

FLOW   THISTLE   POUR

RAIN   WAVE   CLOVER   PARQUET

MADE IN U. S. A.