

The sound absorption chart above represents octave band data for a 3/16" thick Clearsorber™ PETg 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 Space
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	0.15
5000	0.12
NRC	0.35

PRODUCT OVERVIEW

The **Clearsorber® PETg Panel** is a patent-pending micro-slotted, resin panel acoustic system designed to absorb sound in the mid-range (human speech) frequencies. It can also be configured to achieve sound absorption in low and high-frequency ranges. As a 100% fiber-free product, it can address high humidity and wet environments without concern over air quality. The **Clearsorber® PETg Panel** 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 provide 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. 1.30 lbs/ft².

FIRE RATING

Class C

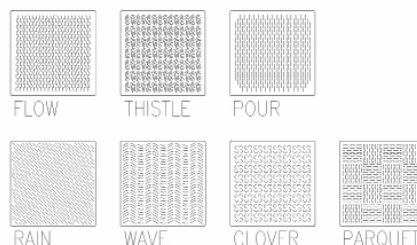
FINISH

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

INSTALLATION

Clearsorber® PETg 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: Clearsorber® Panel {PETg}