



Red = 1" 6lb/ft³ Fiberglass Board (predicted)

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

Frequency	W/1" 6lb/ft ³ Fiberglass Insul. (Predicted)
100	0.14
125	0.23
160	0.40
200	0.61
250	0.79
315	0.95
400	1.02
500	1.01
630	0.97
800	0.90
1000	0.76
1250	0.67
1600	0.61
2000	0.55
2500	0.52
3150	0.50
4000	0.48
5000	0.45
NRC	0.80

PRODUCT OVERVIEW

The **Perfecto® Diamond Panel** is a simple union between architecture and acoustic performance. Utilizing hundreds of large perforations and available in a high recycled content, ULEF, Class A fire-rated and FSC certified MDF core with an optional black acoustical backer, the **Perfecto® Diamond Panel** can achieve up to an average **NRC=0.80** (predicted) while focusing the sound absorption spectrum in the mid and low-frequencies while maintaining higher frequencies with a low open area.

SIZING

- Standard Panel: 4' W x 8' L x 3/4" T
- Maximum Panel: 5' W x 12' L x 3/4" T (Custom panel widths and lengths are available)
- Perforations: 1.6mm dia. holes with custom-look layout. Contact your RPG Sales Representative for additional custom perforation size and spacing options.
- Custom patterns and mixtures of perforation sizes are also available.)
- Each panel weighs approx. 2.50 lbs/ft²

CORE FIRE RATING

Class A (per ASTM E-84)

FINISH

The **Perfecto® Diamond Panel** is available in various finishes, including natural and engineered wood veneers and laminates. RPG offers clear lacquer or factory color-matching of wood finishes and paint colors.

INSTALLATION

Mounting options for the **Perfecto® Diamond Panel** include wall systems (Z-clips, direct screw attached) either surface-mounted or with a variety of cavity depths starting at 1-3/4" total system depth, and ceilings systems with options (Torsion Springs for downward access, RPG C-clips for lift and shift access, direct screw attached) for standard 15/16" HD T-grid supplied by others.