

# Absorbor™



## Clouds & Cubes

**ACOUSTIC GRG**  
IRELAND LIMITED

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www.acousticgrg.ie

*The art of noise control*

## Ceilings: Clouds & Cubes

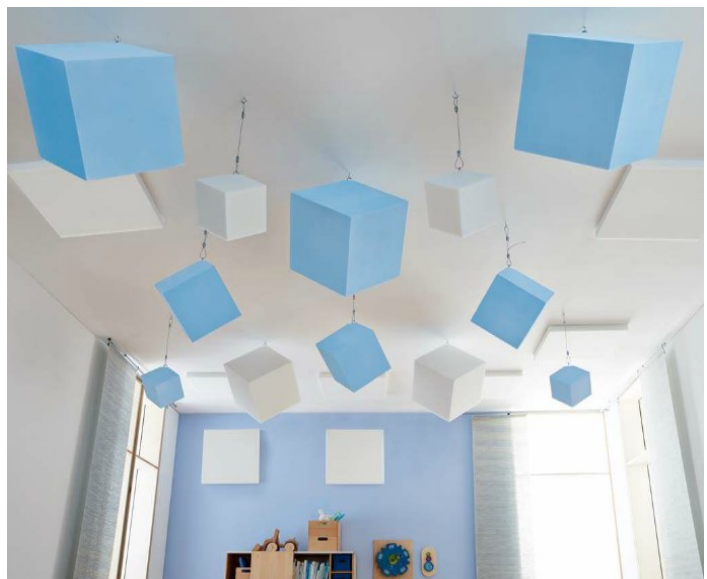
Sound can either be absorbed, reflected or diffused. In many rooms, flat reflective surfaces can cause interfering reflections and excessive reverberation, which can corrupt music quality, speech intelligibility, and comfort. One approach to controlling the reflections and excess reverberation is to utilize absorptive panels, which consist of a porous absorbing core, typically fiberglass, mineral wool, or foam, covered with fabric, perforated vinyl, or newer paintable and breathable glass textile coverings. RPG Diffusor Systems, Inc. has developed a simple and reliable method of attachment, which offers fixed or removable installation, utilizing the Impalet™ clip.

Absorber Clouds or Cubes available in different sizes, shapes and colours to suit all your architectural requirements

Clouds



Cubes



## Features

- Efficient absorption
- Custom shapes and sizes
- Available in 25mm,50mm and 100mm thickness
- Standard or Custom fabrics
- Paintable fabrics
- Fire Class O with Compliant Fabrics
- Ease of installation
- RPG's CNC capability allows any edge termination condition, as well as cutouts

## Benefits

Improved comfort for staff and customers.

## Applications

- Conference and teleconference rooms & Lecture Halls
- Distance Learning Rooms
- Public spaces
- Listening rooms
- Recording and broadcast studios
- Post production studios
- Home theaters, Rehearsal rooms
- Auditoriums
- Performance spaces

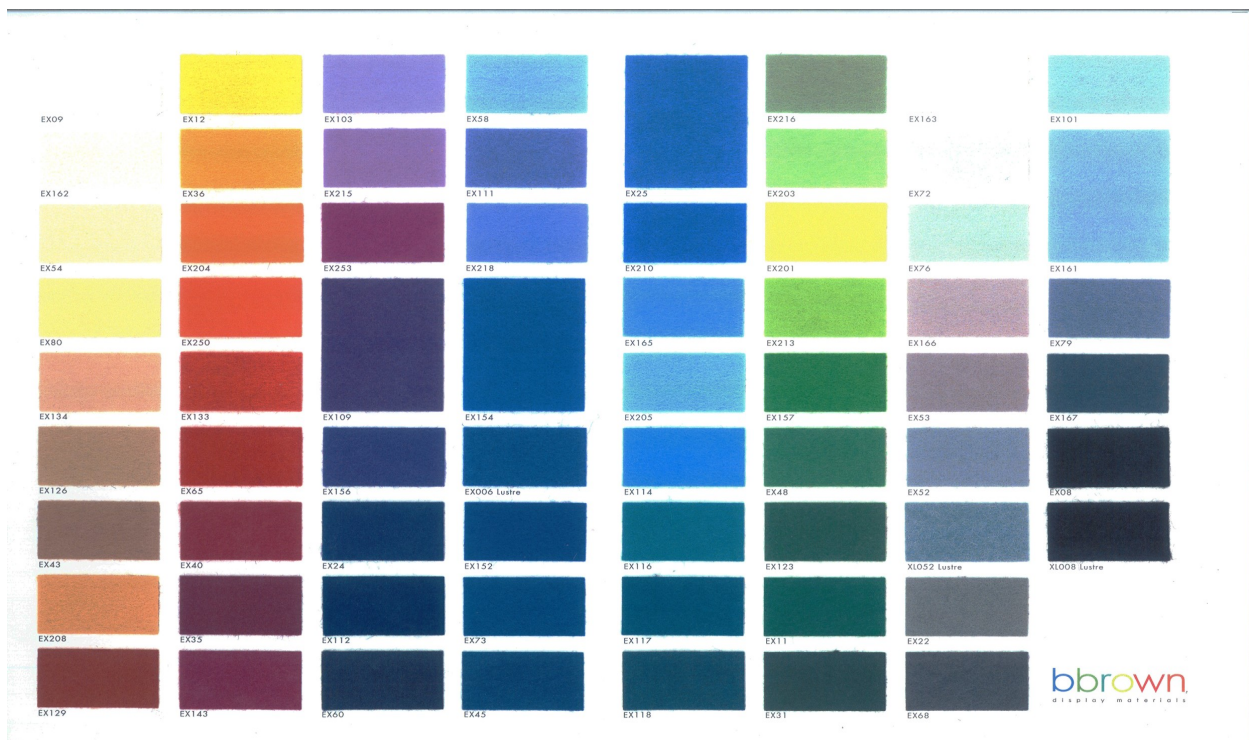
Cubes



Clouds



## Colour Charts



## Performance Specifications

### Absorption

The graph shows the typical increase in absorption efficiency as a function of thickness for an A (surface) mounting. Additional low frequency absorption can be obtained by mounting the panel away from the boundary surface.

## Acoustics

Coefficient of Sound Absorption

Panel Thickness	Abs Coeff	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
25mm	$\alpha$	0.15	0.25	0.70	1.00	1.00	0.95
50mm	$\alpha$	0.30	0.70	1.00	1.00	1.00	0.95

## Fire Performance

BS476 Class 'O' Fibre Glass Core

### Fabric Finishes

**( We offer a selection of Fabrics . Please refer to fabric manufacture's fire data for fire performance on fabrics)**

Camira Cara-

Camira Lucia-

Camira Blazer Lite

Bobby Brown Felt

# Absorbor™

**For further information Contact**

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