

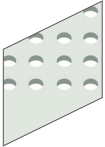
ECOBLOCK - R12

Round Perforation R12,16.4%

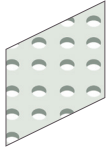
Round Perforation R12,18.1% Borderless

VISIT USGME.COM TO ORDER SAMPLES

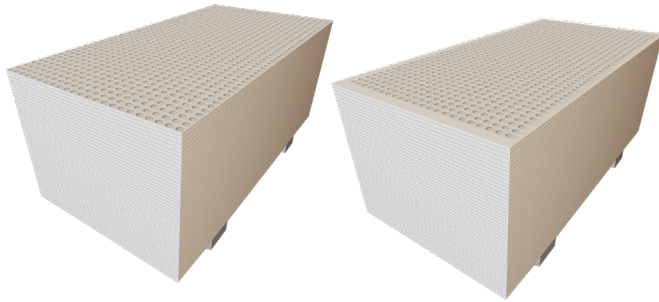
PATTERN



WITH BORDER
OPEN AREA 16.4%



BORDERLESS
OPEN AREA 18.1%



FEATURES & BENEFITS

Great Aesthetics, Excellent Noise Absorption

- Tested to achieve up to 0.95 NRC (Noise Reduction Coefficient) as per ASTM C423.
- Recessed edges allow for finishing to a flat and seamless ceiling or wall.
- Complies with E84 for flame spread and smoke development.

APPLICATIONS

- Commercial, office and residential applications
- Retail complexes
- Large scale cinema spaces
- Public venues such as concert halls, auditoriums and sporting venues, schools, universities and lecture halls
- Schools, universities and lecture halls
- Hotel lobbies and conference rooms
- Restaurants

DESCRIPTION

Skyrock Ecoblock Round Perforation R12 is manufactured from a specially formulated core encased in recycled face and back liner papers. The panels have long recessed edges for easy application when used with USG Middle East's Acoustical Sealant and EASYJOINT™ 60 Setting-Type Premium-Jointing Powder. The acoustic gypsum boards are punched to specification with precision engineering before being laminated with a non-woven acoustic mat on the back.

FINISHING AND DECORATING

- It is essential that the level of finish is determined at the design stage since each level has specific requirements for substrate tolerances and board installation jointing and finishing. The desired level of finish may not be achieved unless all of these requirements are met through various stages of construction.
- USG recommends the use of Acoustical Sealant and EASYJOINT™ 60 Setting-Type Premium-Jointing Powder to achieve the best jointing strength.
- For priming and decorating with paint, USG recommends using roller applications.
- Roller application ensures a uniform texture over the entire surface and protects the non-woven acoustic mat on the back face.
- Avoid spray painting as it may block holes, thus affecting acoustic performance.



HIGH SOUND
ABSORPTION



CEILING
ATTENUATION
CLASS

ADVANTAGES

Performance: Manufactured in a range of configurations to satisfy a multitude of desired aesthetic designs.

Acoustic Performance: Superior NRC Capabilities up-to 0.95.

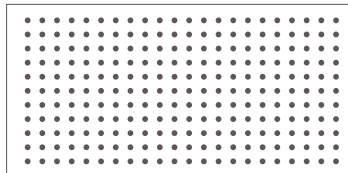
Easy to Install: Scores and snaps easily. Similar installation to conventional Plasterboard.

PRODUCT DATA

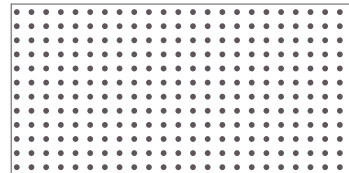
Property	R12,16.4% ¹	R12,18.1% ²
Weight (kg/m ²)	6.27 kg/m ²	6.15 kg/m ²
Density	600 kg/m ³	600 kg/m ³
Thickness	12.5 mm	12.5 mm
Actual Board Length	2400 mm	2400 mm
Actual Board Width	1200 mm	1200 mm
Hole Type	Round	Round
Hole Diameter	12 mm	12 mm
Border	70 mm	Borderless
Pitch (center to center spacing between holes)	25 mm	25 mm
Layout	One Group 46 x 91 Holes	One Group 48 x 96 Holes
Perforation Rate (%)	16.4%	18.1%
Noise Reduction Coefficient (NRC)	0.70	0.70
Noise Reduction Coefficient (NRC*) with Insulation	up to 0.95	up to 0.95

*Insulation (Optional) 24kg/m³, 75mm glass wool as backer panel for higher acoustic values

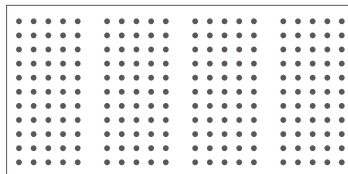
R12 LAYOUT DESIGNS



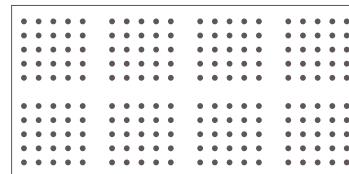
1 1200mm x 2400mm
Gypsum Board R12,16.4%
46 x 91 Holes



2 Borderless 1200mm x 2400mm
Gypsum Board R12,18.1%
48 x 96 Holes



3 Strip design



4 Globe 8 design

COMPLIANCE

Comply with:

- ASTM C423 for Noise Reduction Coefficient
- E84 for classification for fire propagation and surface flame spread