

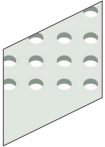
ECOBLOCK - R6

Round Perforation R6, 10%

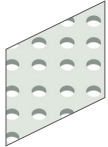
Round Perforation R6, 11,1% Borderless

VISIT USGME.COM TO ORDER SAMPLES

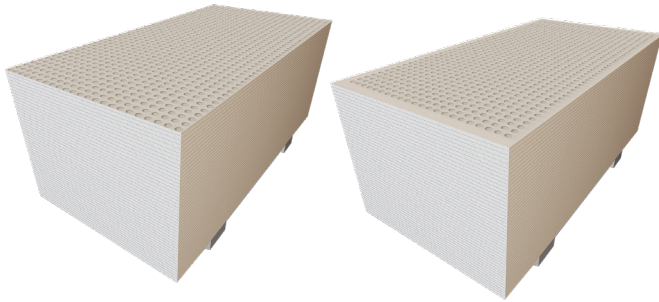
PATTERN



WITH BORDER
OPEN AREA 10%



BORDERLESS
OPEN AREA 11.1%



FEATURES & BENEFITS

Great Aesthetics, Excellent Noise Absorption

- Tested to achieve up to 0.85 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.
- Available in borderless perforation pattern for seamless appearance to enhance the ceiling aesthetic.
- Available in various customized perforation configurations.

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
- Hotel lobbies and conference rooms

Skyrock Ecoblock Round Perforation R6 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.

These Acoustical Gypsum Boards are ideal for various sound absorption applications with an enhanced aesthetical look.

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 gypsum 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.

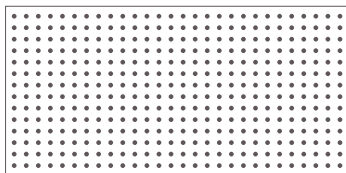
Easy to Install: Scores and snaps easily. Similar installation to conventional Plasterboard.

PRODUCT DATA

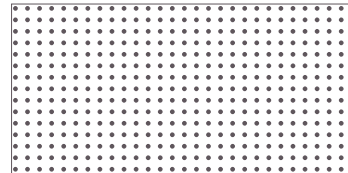
Property	R6, 10% ¹	R6, 11.1% Borderless ²
Weight (kg/m ²)	6.75 kg/m ²	6.65 kg/m ²
Density	600 kg/m ³	600 kg/m ³
Thickness	12.5 mm	12.5 mm
Actual Board Length	2384 mm	2365 mm
Actual Board Width	1200 mm	1069 mm
Hole Type	Round	Round
Hole Diameter	6 mm	6 mm
Border	45 mm	Borderless
Pitch (center to center spacing between holes)	16 mm	16 mm
Layout	One Group 70 X 144 Holes	One Group 67 X 148 Holes
Perforation Rate (%)	10%	11.1%
Noise Reduction Coefficient (NRC)	0.7	0.7
Noise Reduction Coefficient (NRC*) with Insulation	0.85	0.85

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

R12 LAYOUT DESIGNS



1 1200mm x 2384mm
Gypsum Board R6, 10%
70 X 144 Holes



2 Borderless 1069mm x 2365mm
Gypsum Board R6, 11.1%
67 X 148 Holes

Refer to Skyrock Ecoblock R6 additional layout designs for more board perforation options

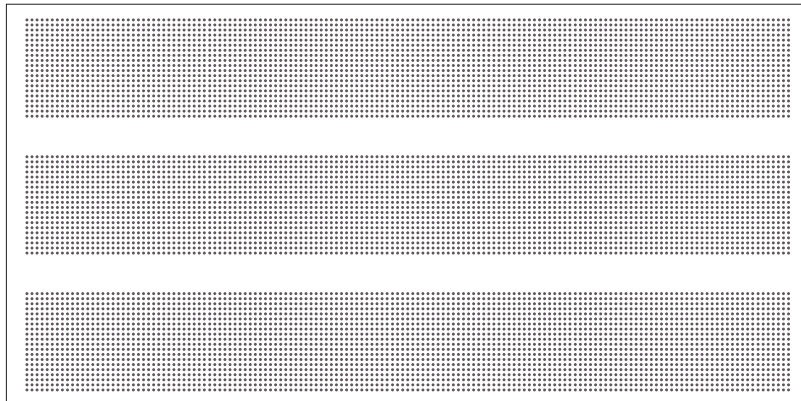
COMPLIANCE

Comply with:

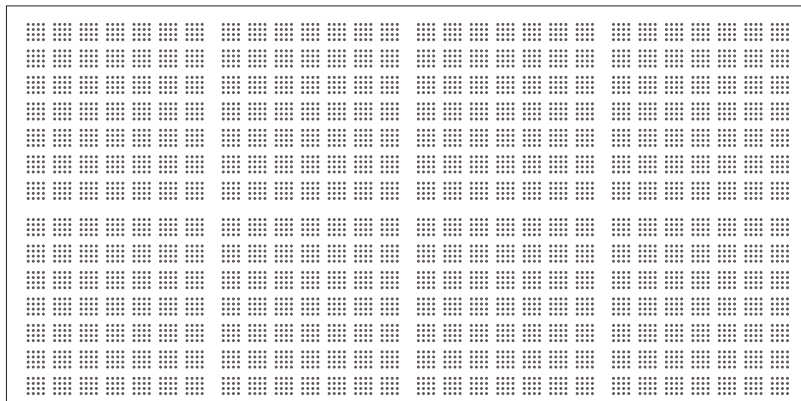
- ASTM C423 for Noise Reduction Coefficient
- E84 for classification for fire propagation and surface flame spread

GLOBE-8 LAYOUT DESIGNS

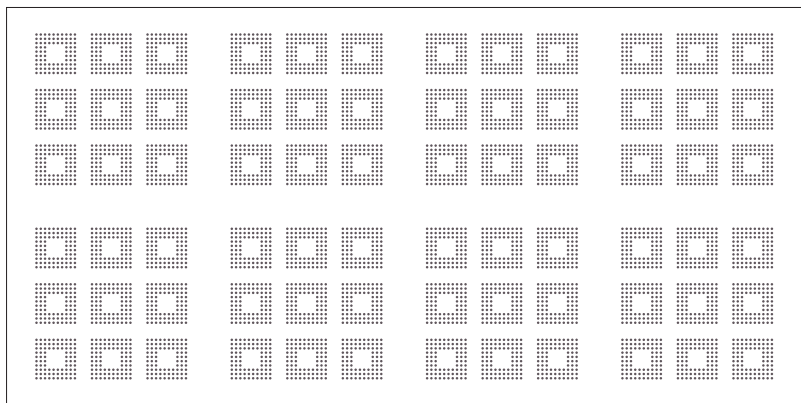
PATTERN G-1



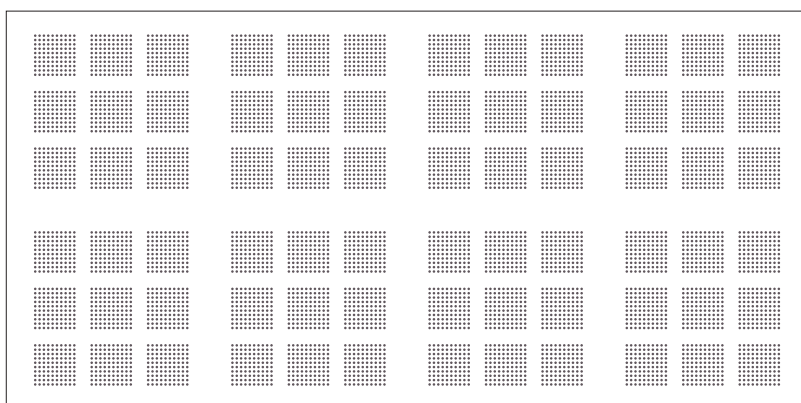
PATTERN G8-2



PATTERN G8-3



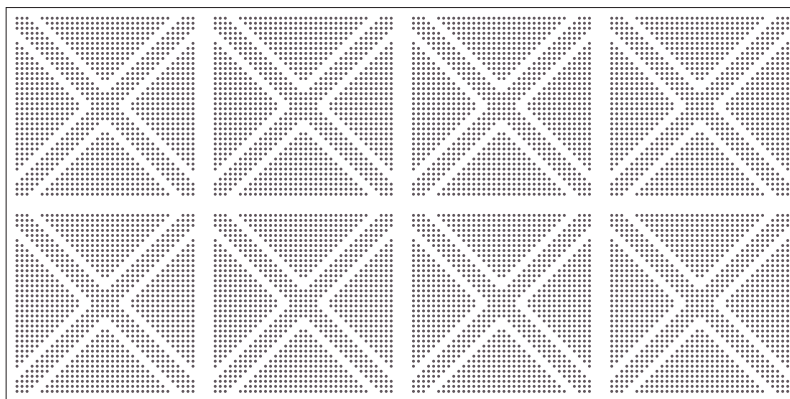
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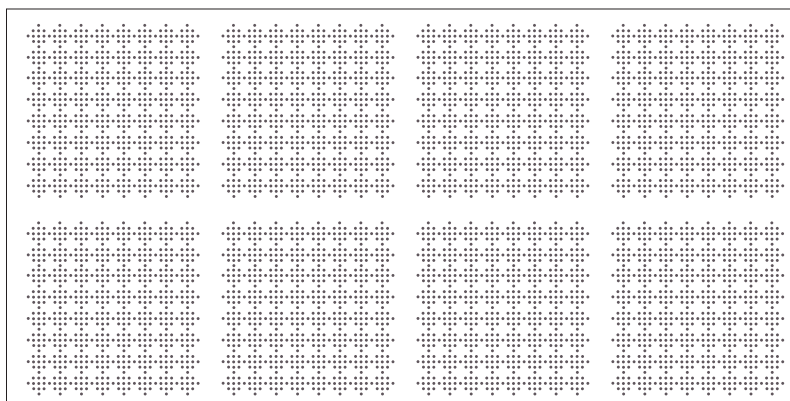
SKYROCK[®]

ECOBLOCK-R6 LAYOUT DESIGNS

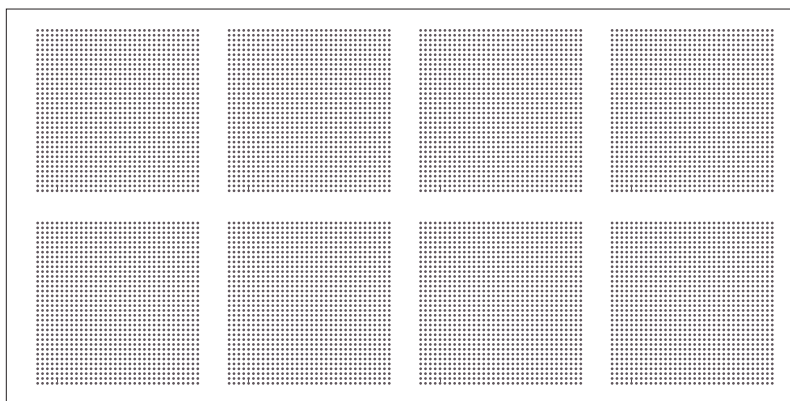
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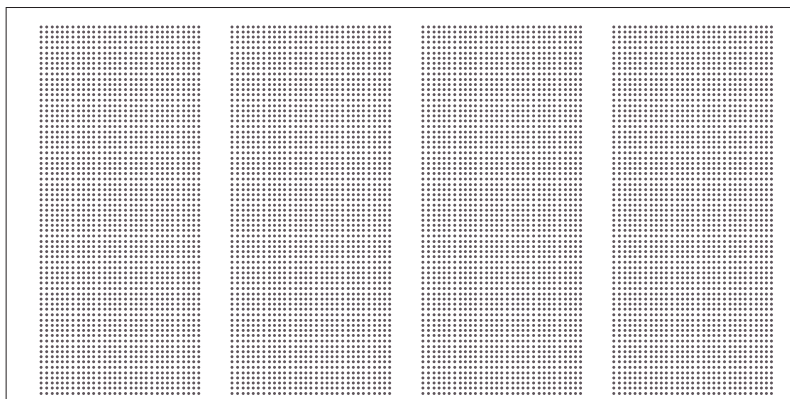
PATTERN G8-6



PATTERN G8-7



PATTERN G8-8



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