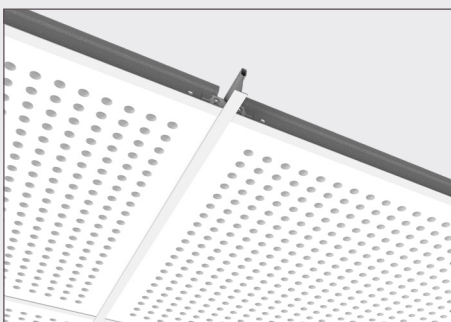


SOUNDBLOCK - R12

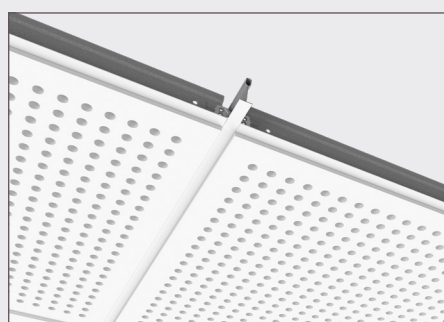
Perforated Gypsum Tile



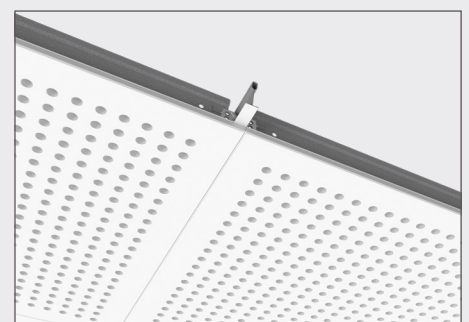
SQUARE



REVEAL



CONCEALED



SKYROCK®

SOUNDBLOCK - R12



PRODUCT CERTIFIED FOR ENVIRONMENTAL PRODUCT DECLARATION



CEILING ATTENUATION CLASS



AVAILABLE IN CONCEALED EDGE

FEATURES & BENEFITS

- Gypsum ceiling tiles with round perforations with an acoustic back fleece for exceptional sound absorption capabilities up-to 0.85 NRC.
- Tiles come in a range of surface finishes, including laminated and painted options.
- Certificated for Environmental Product Declaration (EPD) as per ISO 14025.
- Offered in both metric and imperial sizes.
- Available in a concealed edge design as an option, adding a refined touch to the overall space.
- Resistant to humidity and sagging, they exhibit impressive durability even in challenging environmental conditions.
- Additionally, their scrub-resistant properties facilitate easy removal of dirt marks.
- Tiles are demountable and designed to be seamlessly integrated with DONN® Brand acoustical ceiling suspensions.

APPLICATIONS

- Schools
- Commercial retails
- Department stores
- Hotels
- Malls and residential

ABSORPTION COEFFICIENT

Frequency, Hz	125	250	500	1000	2000	4000	NRC*
R12	0.60	0.65	0.60	0.65	0.70	0.75	0.65
R12 with 19mm Soft Fiber Infill	0.70	0.90	0.80	0.90	0.75	0.65	0.85

* Calculated to ASTM C 423-01

TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
SQ 	GT-PS6609-R12	600*600*9.5	0.65		81%			4%	Low	\$\$\$\$
	LGAE-PS6609-R12	600*600*9.5			84%					
	GT-PS662-R12	600*600*12.5	0.65		81%			4%	Low	\$\$\$\$
	GT-PS622-R12	600*1200*12.5								
	LGAE-PS662-R12	600*600*12.5	0.65		84%			4%	Low	\$\$\$\$
	LGAE-PS622-R12	600*1200*12.5								
SL 	GT-PSR662-R12	600*600*12.5	0.65		81%			4%	Low	\$\$\$\$
	GT-PSR622-R12	600*1200*12.5								
	LGAE-PSR662-R12	600*600*12.5	0.65		84%			4%	Low	\$\$\$\$
	LGAE-PSR622-R12	600*1200*12.5								
FL 	GT-PSRF662-R12	600*600*12.5	0.65		81%			4%	Low	\$\$\$\$
	GT-PSRF622-R12	600*1200*12.5								
	LGAE-PSRF662-R12	600*600*12.5	0.65		84%			4%	Low	\$\$\$\$
	LGAE-PSRF622-R12	600*1200*12.5								
Concealed 	GT-PSDC662-R12	600*600*12.5	0.65		81%			4%	Low	\$\$\$\$
	LGAE-PSDC662-R12	600*600*12.5			84%					
	GT-PSDC622-R12	600*1200*12.5	0.65		81%			4%	Low	\$\$\$\$
	LGAE-PSDC622-R12	600*1200*12.5			84%					

GRID PROFILE OPTIONS

DX/DXL SQ Edge	DX/DXL SL Edge	DXT FL Edge	DXF FL Edge	DX/DXL Concealed

SKYROCK®

SOUNDBLOCK - R12



PRODUCT
CERTIFIED
FOR
ENVIRONMENTAL
PRODUCT
DECLARATION



CEILING
ATTENUATION
CLASS



AVAILABLE
IN CONCEALED
EDGE

SPECIFICATION DETAILS

Soundblock R12 Ceiling Tile meets specifications in accordance with ASTM E1264

Materials Classification

Type G, Form G1, Pattern A

Substrate and Surface Finish

Laminated: Gypsum ceiling panel laminated with vinyl-faced

Painted: Gypsum ceiling panel finished with factory-applied water-based paint

Thickness

9.5mm, 12.5mm

Size

600 x 600mm, 610 x 610mm, 600 x 1200mm

Edge Detail Trim

Square, Reveal [SL, FL], Concealed

Open Area

600 x 600mm: 14.1%

600 x 1200mm: 15%

Weight

Square

9.5mm [5.6 kg/m²],

12.5mm [9.13 kg/m²]

Reveal and Concealed

12.5mm [9.13 kg/m²]

Noise Reduction Coefficient [NRC]

[0.65] [0.85]

Mold Prevention

Resistant to mold growth. Panels are available upon request

Humidity Resistance

Maximum 95% RH / 40°C

Light Reflectance Coefficient [LR]

Laminated: 0.84

Painted: 0.81

Color

Laminated: Standard White

Painted: Standard White

Thermal Resistance

12.5mm [R 0.45]

Surface Burning Characteristics as per ASTM E84

Laminated: Class A

Painted: Class A

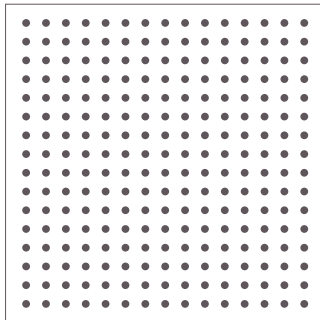
Formaldehyde Classification

Class E1 as per EN171-1

Washability / Scrubbability as per ASTM D4828 & D2486

Exceeds 1000 Wash/Scrub Cycles without surface break or the extent of abrasion

PRODUCT DATA



600x600mm		600x1200mm	
Actual Length (mm)	594	Actual Length (mm)	1194
Actual Width (mm)	594	Actual Width (mm)	594
Hole Type	Round	Hole Type	Round
Hole Size (mm)	ø12	Hole Size (mm)	ø12
Border (mm)	47	Border (mm)	47
Pitch (mm)	25	Pitch (mm)	25
Holes layout (L x W)	21 x 21	Holes layout (L x W)	45 x 21
Number of Holes	441	Number of Holes	945
Perforation Rate (%)	14.1%	Perforation Rate (%)	15%

Additional patterns layouts are available upon request. Please contact USG ME nearest sales office.

Notice: As we are involved in constant products development; this document information is subject to change without prior notice.

Please always refer to usgme.com for the updated products information document.

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