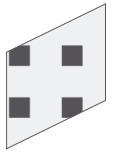
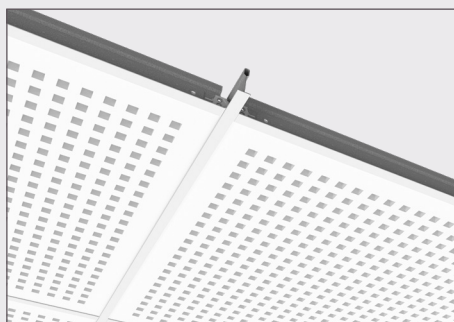


## SOUNDBLOCK - Q12

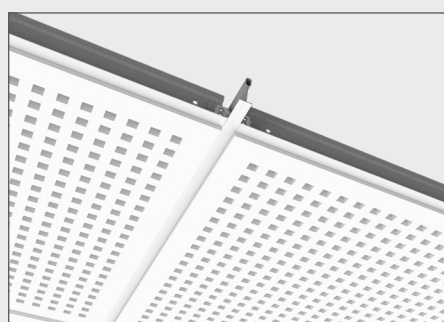
Perforated Gypsum Tile



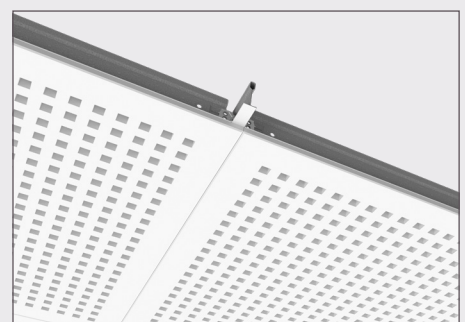
**SQUARE**



**REVEAL**



**CONCEALED**





PRODUCT  
CERTIFIED  
FOR  
ENVIRONMENTAL  
PRODUCT  
DECLARATION



CEILING  
ATTENUATION  
CLASS



AVAILABLE  
IN CONCEALED  
EDGE

### FEATURES & BENEFITS

- 12mm Square perforation Gypsum Ceiling tiles with acoustic back fleece for high acoustic performance 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*
Q12	0.65	<b>0.75</b>	<b>0.70</b>	<b>0.70</b>	<b>0.75</b>	0.75	<b>0.70</b>
Q12 with 19mm Soft Fiber Infill	0.70	<b>0.95</b>	<b>0.80</b>	<b>0.85</b>	<b>0.80</b>	0.65	<b>0.85</b>

\* 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-Q12	600*600*9.5	0.70		81%			4%	Low	\$\$\$\$
	LGAE-PS6609-Q12	600*600*9.5			84%					
	GT-PS662-Q12	600*600*12.5	0.70		81%			4%	Low	\$\$\$\$
	GT-PS622-Q12	600*1200*12.5								
	LGAE-PS662-Q12	600*600*12.5	0.70		84%			4%	Low	\$\$\$\$
SL 	GT-PSR662-Q12	600*600*12.5	0.70		81%			4%	Low	\$\$\$\$
	GT-PSR622-Q12	600*1200*12.5								
	LGAE-PSR662-Q12	600*600*12.5	0.70		84%			4%	Low	\$\$\$\$
	LGAE-PSR622-Q12	600*1200*12.5								
	GT-PSRF662-Q12	600*600*12.5	0.70		81%			4%	Low	\$\$\$\$
FL 	GT-PSRF622-Q12	600*1200*12.5								
	LGAE-PSRF662-Q12	600*600*12.5	0.70		84%			4%	Low	\$\$\$\$
	LGAE-PSRF622-Q12	600*1200*12.5								
	GT-PSDC662-Q12	600*600*12.5	0.70		81%			4%	Low	\$\$\$\$
	LGAE-PSDC662-Q12	600*600*12.5			84%					
Concealed 	GT-PSDC622-Q12	600*1200*12.5	0.70		81%			4%	Low	\$\$\$\$
	LGAE-PSDC622-Q12	600*1200*12.5			84%					
	GT-PSDC622-Q12	600*1200*12.5	0.70		81%			4%	Low	\$\$\$\$
	LGAE-PSDC622-Q12	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



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### SPECIFICATION DETAILS

Soundblock Q12 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, 600 x 1200mm

#### Edge Detail Trim

Square, Reveal [SL, FL], Concealed

#### Open Area

600 x 600mm: 18%

600 x 1200mm: 19.1%

#### Weight

Square

9.5mm [6.6 kg/m<sup>2</sup>],

12.5mm [8.7 kg/m<sup>2</sup>]

Reveal and Concealed

12.5mm [8.7 kg/m<sup>2</sup>]

#### Noise Reduction Coefficient [NRC]

[0.70] [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

R 0.45

#### Surface Burning Characteristics as per ASTM E84

Laminated: Class A

Painted: Class A

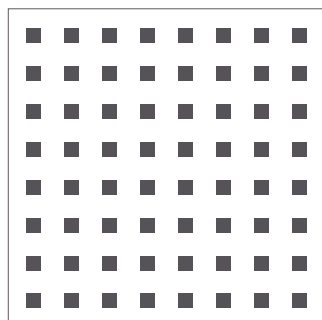
#### Formaldehyde Classification

Class E1 as per EN717-1

#### 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	Square	Hole Type	Square
Hole Size (mm)	12 x 12	Hole Size (mm)	12 x 12
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 (%)	18%	Perforation Rate (%)	19.1%

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