

# Neat H-Guard™ - HEALTHCARE



Neat H-Guard Panels with ClimaPlus Performance/DONN DX/DXL Suspension System

## FEATURES AND BENEFITS

- According to the QB/T21866-2008 test, the anti-mold performance of the product reaches the highest level:0 grade and the antibacterial performance exceeds 95%. It is suitable for special sites such as medical environments.
- Damp-proof RH99 performance refers to anti-sag performance under the conditions of 99% humidity and temperature below 40 °C.
- The damp-proof RH99 ceiling tile series provides a 10-year limited quality warranty. If they are used in combination with Star-USG grids, a 15-year system quality warranty can be provided.
- The patented ClimaPlus antibacterial formula provides a 30-year anti-mildew and antibacterial quality warranty and a wide range of antibacterial functions

## APPLICATIONS











- Medical Environments
- Plants
- Laboratories
- Office

 High Recycled Content

Fine-textured panel



## Neat H-Guard PANELS

Edge	Panel Size <sup>2</sup>	Class	Item No.	NRC	CAC Min.	LR <sup>2</sup>	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content <sup>1</sup>
SQ 	600 x 600 x 16mm	 Class A	ME70116	 N/A	 33	 .84	White	 A, B, C	 Low		 45%
	600 x 1200 x 16mm	Class A	ME70316	N/A	33	.84	White	A, B, C	Low		45%

## LEGEND

### Low Emission (VOC Class)

Meets the emission test criteria as low-emitting prescribed by the Singapore Green Building Council (SGBC) following ASTM D5116-06 testing methods.

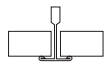
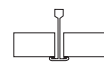
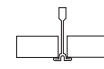
### ClimaPlus Superior Performance

Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew.

### Anti-Mold property

ASTM G 21-15 testing methods 0 Grade  
For more information, please reference test report from SGS.

## GRID PROFILE OPTIONS

A DX® DXI DXII DXIII	B Centricitee™ DXT™	C Omega™ DXM™
		

## PHYSICAL DATA/ FOOTNOTES

**ASTM E1264 Classification**  
Type III, Form 2, Pattern C, D, E

**ASTM E84 surface burning characteristics**  
Class A  
Flame spread: 25  
Smoke developed: 50

**Imperial Weight**  
0.79-0.86 lb./ft.<sup>2</sup>  
**Metric Weight**  
3.86-4.23 kg/m<sup>2</sup>

**Thermal Resistance**  
R-1.7

**Backloading**  
Refer to Installation and Maintenance

### Footnotes

- For details, see LEED report tool at usgdesignstudio.com.
- LR values are shown as averages.
- Not all panels sizes available in all geographic areas, some metric sizes available to order.

### Short Specification:

- Ceiling system shall comprise USG Impressions ClimaPlus™ high humidity / fire resistant acoustical ceiling panels in ( DONN Centricitee 15mm [9/16"] / DONN DX 24mm [15/16"] / DONN Omega 15mm [9/16"] / DONN Fineline 15mm [9/16"] / DONN Identitee 15mm [9/16"] ) exposed grid including wall trim as manufactured by USG Interiors, LLC.
- Panels shall have CAC 33-35.
- Nominal size (600mm x 600mm / 600mm x 1200mm) x 16mm
- Edge detail shall be Square [SQ].
- Limiting Conditions - Maximum 49°C (120°F)/99% RH.