



# Clean Room™ *ClimaPlus*™



High Recycled Content



CLEAN ROOM Class 10M-100M Panels with *CLIMAPLUS* Performance/  
DONN DX Suspension System

## ESD Information

Recycled Content: 51%  
*CLIMAPLUS* No-Sag Warranty

★ Contributes to Green Star points    ✓ ESD additional advantages

| IEQ                      |                        | Ene                            |                            | Mat                    |
|--------------------------|------------------------|--------------------------------|----------------------------|------------------------|
| Increase Daylight Levels | Reduce Lighting Levels | Internal Noise Level Reduction | Lighting Density Reduction | Design for Disassembly |
| ★                        | ★                      | ★                              | ★                          | ✓                      |

## Advantages

- CLEAN ROOM™ *CLIMAPLUS*™ Class 100 and Class 10M-100M panels have an embossed, vinyl-laminated face with sealed back and edges for use in Class 100 or 10M-100M clean rooms.
- FIRECODE™ formulation for Fire Rated ceilings.
- *CLIMAPLUS* 30-year lifetime system warranty to withstand conditions up to 40°C/95% relative humidity without visible sag when used with a DONN® Brand suspension system.

## Applications

- Clean rooms
- Computer rooms
- Emergency rooms
- Kitchen/Food prep areas
- Laboratories
- Locker rooms
- MRI rooms

## Substrate

- Water-felted mineral fibre

Smooth-textured panel, Class 100

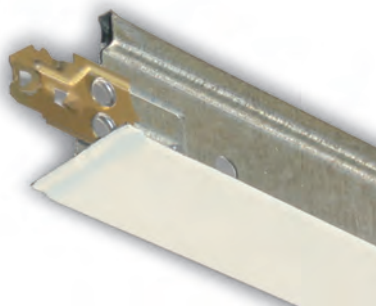


Smooth-textured panel, Class 10M-100M



## Grid Options

DONN DX 24mm



| <div>30</div> <div>Year System Warranty</div> <div>No visible sag</div>   | Edge  | Panel Size <sup>1,2</sup> | Class | Item No | NRC <sup>3</sup> | CAC <sup>3</sup> | LR <sup>4</sup> | Colour | Grid Options | Recycled Content |
|---|---|---------------------------|-------|---------|------------------|------------------|-----------------|--------|--------------|------------------|
|   |   |                           |       |         |                  |                  |                 |        |              | HRC              |
| CLEAN ROOM™<br>CLIMAPlus™<br>Class 100  | SQ<br>  | 600 x 600 x 15mm          |       | ME56099 | –                | 35-39            | .79             | White  | A            | 50.5%            |
|   |   | 1200 x 600 x 15mm         |       | ME56091 | –                | 35-39            | .79             | White  | A            | 50.5%            |
| CLEAN ROOM™<br>CLIMAPlus™<br>Class 10M - 100M   | SQ<br>  | 600 x 600 x 15mm          |       | ME56060 | .50 -.60         | 35-39            | .79             | White  | A            | 50.5%            |
|   |   | 1200 x 600 x 15mm         |       | ME56090 | .50 -.60         | 35-39            | .79             | White  | A            | 50.5%            |
| Legend  |   |                           |       |         |                  |                  |                 |        |              |                  |
| <div><div><div>CLIMAPlus Performance</div><div>Lifetime system Warranty (maximum of 30 years) to withstand conditions up to 40°C/95%RH when used with USG DONN suspension systems.</div></div><div><div>HRC High Recycled Content</div><div>Classified as containing greater than 50% total recycled content. Total recycled content is based on panel composition of post-consumer and pre-consumer (post industrial) recycled content per FTC guidelines.</div></div></div> |   |                           |       |         |                  |                  |                 |        |              |                  |
| <div><div>A</div><div>DX®/DXL™</div></div> <div>Creating an Air Flow Barrier</div>  |   |                           |       |         |                  |                  |                 |        |              |                  |
| Grid Profile Options  | <div><div>Clean Room Panel → Air flow barrier tape (by others) → DONN DX Grid</div></div> |                           |       |         |                  |                  |                 |        |              |                  |

Physical Data/  
Footnotes

Weight

5.4 kg/m<sup>2</sup>

Environmental Limitations

40°C, 95% RH max.

Thermal Resistance

R 0.3m<sup>2</sup> °C/W

Maximum Backloading

0 kg/m<sup>2</sup>

Reaction to Fire

Maintenance

Can be cleaned easily with a damp sponge, mild detergent and water. Do not use acetate, ammonia, or highly concentrated chlorine, bromide or other harsh chemicals.

Installation

Shall not begin until the building is fully enclosed, watertight, dry, permanent heating and cooling equipment is in operation, residual moisture from wet trades (eg. terrazzo, concrete, plaster) has dissipated, and is free of chemical fumes. Do not mix production lots in the same ceiling area.

Footnotes

1. Not all panel sizes available in all geographic areas

2. Some imperial sizes available to order

3. Acoustic Test Standards

NRC to ASTM C423

CAC to ASTM E1414

5. Field-cut edges of Clean Room panels may be sealed with white latex paint.

Safety First!

Follow good safety and industrial hygiene practices during handling and installing of all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/or installation.

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