CEILING SYSTEMS
2015/2016

SPECIALITY CEILING SYSTEMS,
ACOUSTICAL CEILING PANELS, SUSPENSION SYSTEMS

USG BORAL
INNOVATION INSPIRED BY YOU.™

		Suspension System Type						Controlled Environments
	Ceiling Panels	DXLA™/DXACE™	DXT™/DXLT™ Centricitee™	DXF™/DXLF™ Fineline®	DXFF™ Fineline® 1/8"	CE™	DX™	
Class 100 Clean Rooms	Clean Room ClimaPlus Class 100 Panels	●					●	
	Sheetrock Lay-in Ceiling Panel ClimaPlus, Clean Room	●					●	
Class 100, Class 10M-100M Clean Room	Clean Room ClimaPlus Class 10M-100M	●					●	
	Clean Room ClimaPlus Class 100 Panels	●					●	
	Sheetrock Lay-in Ceiling Panel ClimaPlus, Clean Room	●					●	
Food Services & Processing (USDA/FSIS)	Sheetrock Lay-in Ceiling Panel ClimaPlus, Clean Room	●					●	
	Sheetrock Lay-in Ceiling Panel ClimaPlus, Vinyl	●					●	
Operating Rooms, MRI Rooms, Laboratories	Clean Room ClimaPlus Class 10M - 100M	●					●	
	Clean Room ClimaPlus Class 100 Panels	●					●	
	Sheetrock Lay-in Ceiling Panel ClimaPlus, Clean Room	●					●	
Sterile and Soiled Utility Rooms	Clean Room ClimaPlus Class 10M - 100M	●					●	
	Sheetrock Lay-in Ceiling Panel ClimaPlus, Clean Room	●					●	
	Sheetrock Lay-in Ceiling Panel ClimaPlus, Vinyl	●					●	
Computer Rooms and Security Rooms	Clean Room ClimaPlus Class 10M - 100M	●					●	
	Clean Room ClimaPlus Class 100 Panels	●					●	

Controlled environments must meet stringent federal guidelines and requirements. USG Boral understands that and takes nothing for granted. Every component of our controlled environment products maintains and assures the integrity of a clean room. We offer a complete ceiling system solution for Industry environment ranging from food processing to aerospace and microscope assembly rooms.

We offer various controlled environments space applications options to help you design clean room areas that are:
1) highly functional;
2) will obtain client approval; and
3) within your budget criteria.

Area	Ceiling Panels	DX®/DXL™/DXI/DXII/DXIII	DXT™/DXLT™ Centricitee™/DXM	DXF™/DXLF™ Fineline®	DXFF™ Fineline® 1/8"	CE™	DA™	DX®
Administrative Offices	Eclipse ClimaPlus	●	●	●	●			●
	Halcyon ClimaPlus	●	●	●	●			
	Impressions ClimaPlus	●	●	●	●			
	Impressions ClimaPlus High-NRC	●	●	●	●			
	Mars ClimaPlus	●	●	●	●			
	Millennia ClimaPlus	●	●	●	●			●
	Olympia Micro ClimaPlus	●	●	●	●			
	Pin Perf ClimaPlus	●	●	●	●			
Lobby / Reception	Caterpillar ClimaPlus Concealed						●	
	Caterpillar ClimaPlus Glue On							
	Eclipse ClimaPlus	●	●	●	●			●
	Mars ClimaPlus	●	●	●	●			
	Mars ClimaPlus High-NRC	●	●	●	●			
	Millennia ClimaPlus	●	●	●	●			●
	New Star-Z ClimaPlus Concealed						●	
	New Star-Z ClimaPlus Glue On							
	Olympia Micro ClimaPlus	●	●	●	●			
	Olympus ClimaPlus Concealed						●	
	Olympus ClimaPlus Semi-Concealed						●	
	Pin Perf ClimaPlus	●	●	●	●			
	Pin Perf ClimaPlus Concealed						●	
	Pin Perf ClimaPlus High-NRC	●	●	●	●			
	Pin Perf ClimaPlus Semi-Concealed						●	
	Radar ClimaPlus	●	●	●	●			
Conference Areas	Astro ClimaPlus	●	●	●	●			
	Eclipse ClimaPlus	●	●	●	●			●
	Impressions ClimaPlus High-NRC	●	●	●	●			
	Mars ClimaPlus High-NRC	●	●	●	●			
	Millennia ClimaPlus	●	●	●	●			●
	Olympia Micro ClimaPlus	●	●	●	●			
	Radar ClimaPlus High-NRC	●	●	●	●			
	Sandrift ClimaPlus	●	●	●	●			
Corridors	Caterpillar ClimaPlus Concealed						●	
	Caterpillar ClimaPlus Glue On							
	Eclipse ClimaPlus	●	●	●	●			●
	Impressions ClimaPlus	●	●	●	●			
	Mars ClimaPlus	●	●	●	●			
	New Star-Z ClimaPlus Concealed						●	
	New Star-Z ClimaPlus Glue On							
	Olympus ClimaPlus Concealed						●	
	Olympus ClimaPlus Semi-Concealed						●	
	Pin Perf ClimaPlus High-NRC	●	●	●	●			
	Pin Perf ClimaPlus Concealed						●	
	Pin Perf ClimaPlus Semi-Concealed						●	
Executive Areas	Astro CLimaPlus	●	●	●	●			
	Eclipse ClimaPlus	●	●	●	●			●
	Halcyon ClimaPlus	●	●	●	●			
	Impressions ClimaPlus High-NRC	●	●	●	●			
	Mars ClimaPlus	●	●	●	●			
	Mars ClimaPlus High-NRC	●	●	●	●			
	Millennia ClimaPlus	●	●	●	●			●
	Olympia Micro ClimaPlus	●	●	●	●			
	Sandrift ClimaPlus	●	●	●	●			
Offices	Impressions ClimaPlus	●	●	●	●			
	Mars ClimaPlus	●	●	●	●			
	Olympia Micro ClimaPlus	●	●	●	●			
	Radar ClimaPlus High-NRC	●	●	●	●			
	Radar ClimaPlus Illusion	●	●					
	Radar ClimaPlus	●	●	●	●			
Private Offices	Eclipse ClimaPlus	●	●	●	●			
	Halcyon ClimaPlus	●	●	●	●			
	Impressions ClimaPlus High-NRC	●	●	●	●			
	Mars ClimaPlus	●	●	●	●			
	Millennia ClimaPlus	●	●	●	●			
	Sandrift ClimaPlus	●	●	●	●			
Rest Rooms / Utility Areas	Radar ClimaPlus	●	●	●	●			
	Sheetrock Lay-in Ceiling Panel ClimaPlus, Vinyl	●					●	

Office

Office space designs are now becoming a deciding factor in recruiting and retaining employees. Design workspaces that boost and enhance productivity while motivating employees. Design workspaces that boost and enhance productivity while motivating employees. USG Boral provides solutions for all your design needs from open office plans to offices requiring direct or indirect lighting. USG Boral ceiling and wall system selections offer superior choices for designing office space that employees look for and work best in.

We offer various office space application options to help you design work areas that are:
1) highly functional;
2) will obtain client approval; and
3) within your budget criteria.

Ceiling Panels	DX®/DXL™/DXI/DXII/DXIII	DXT™/DXLT™ Centricitee™/DXM	DXF™/DXLF™ Fineline®	DXFF™ Fineline® 1/8"	CE™	DA™	DX®
Administrative Offices							
Caterpillar ClimaPlus Concealed						•	
Caterpillar ClimaPlus Glue On							
Eclipse ClimaPlus	•	•	•	•			•
Impressions ClimaPlus	•	•	•	•			
Impressions ClimaPlus High-NRC	•	•	•	•			
Mars ClimaPlus	•	•	•	•			
Mars Climaplus High-NRC	•	•	•	•			
Millennia ClimaPlus	•	•	•	•			•
New Star-Z ClimaPlus Concealed						•	
New Star-Z ClimaPlus Glue On							
Olympia Micro ClimaPlus	•	•	•	•			
Olympus ClimaPlus Concealed						•	
Olympus ClimaPlus Semi-Concealed						•	
Pin Perf ClimaPlus	•	•	•	•		•	
Pin Perf ClimaPlus Concealed						•	
Pin Perf ClimaPlus Semi-Concealed						•	
Radar ClimaPlus	•	•	•	•			
Radar ClimaPlus High-NRC	•	•	•	•			
Art Studios							
Impressions ClimaPlus	•	•	•	•			
Impressions ClimaPlus High-NRC	•	•	•	•			
Mars ClimaPlus	•	•	•	•			
Mars ClimaPlus High-NRC	•	•	•	•			
Radar ClimaPlus	•	•	•	•			
Pin Perf ClimaPlus	•	•	•	•			
Auditoriums / Gymnasiums							
Caterpillar ClimaPlus Concealed						•	
Caterpillar ClimaPlus Glue On							
Eclipse ClimaPlus	•	•	•	•			•
Impressions ClimaPlus High-NRC	•	•	•	•			
Mars ClimaPlus	•	•	•	•			
New Star-Z ClimaPlus Concealed						•	
New Star-Z ClimaPlus Glue On							
Olympus ClimaPlus Concealed						•	
Olympus ClimaPlus Semi-Concealed						•	
Pin Perf ClimaPlus Concealed						•	
Pin Perf ClimaPlus High-NRC	•	•	•	•			
Pin Perf ClimaPlus Semi-Concealed						•	
Classrooms							
Impressions ClimaPlus	•	•	•	•			
Pin Perf ClimaPlus	•	•	•	•			
Radar ClimaPlus	•	•	•	•			
Radar ClimaPlus High-NRC	•	•	•	•			
Common Areas / Community Centers							
Impressions ClimaPlus	•	•	•	•			
Olympia Micro ClimaPlus	•	•	•	•			
Pin Perf ClimaPlus	•	•	•	•			
Radar ClimaPlus	•	•	•	•			
Corridors / Hallways							
Caterpillar ClimaPlus Concealed						•	
Caterpillar ClimaPlus Glue On							
Impressions ClimaPlus	•	•	•	•			
Mars Climaplus High-NRC	•	•	•	•	•		
New Star-Z ClimaPlus Concealed						•	
New Star-Z ClimaPlus Glue On							
Olympia Micro ClimaPlus	•	•	•	•			
Pin Perf ClimaPlus	•	•	•	•			
Radar ClimaPlus	•	•	•	•			
Kitchen / Food Preparation Areas							
Sheetrock Lay-in Ceiling Panel Climaplus, Vinyl	•					•	
Sheetrock Lay-in Ceiling Panel Climaplus, Clean Room	•					•	
Locker Rooms							
Mars ClimaPlus	•	•	•	•			
Sheetrock Lay-in Ceiling Panel Climaplus	•					•	
Lunch Room / Cafeterias							
Impressions ClimaPlus	•	•	•	•			
Radar ClimaPlus	•	•	•	•			

Suspension System Type

Education

Designing an educational environment can be a learning experience. USG Boral takes an integrated approach in helping you design spaces that provide a balance of design and good education. Our wide selection of high quality ceiling tiles, suspension systems, permanent walls, and precision engineered demountable walls all make the grade. With years of experience behind us, our building products are long lasting and will stand up to the abuse typically found in schools.

We offer various application options to help you design an educational environment that are: 1) highly functional; 2) will obtain client approval; and 3) within your budget criteria.

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Area	Ceiling Panels	DX®/DXL™/DXI/DXII/DXIII	DXT™/DXLT™ Centricitee™/DXM	DXF™/DXLF™ Fineline®	DXFF™ Fineline® 1/8"	CE™	DA™	DX®
Corridors	Caterpillar ClimaPlus Concealed						●	
	Caterpillar ClimaPlus Glue On							
	Eclipse ClimaPlus	●	●	●	●			●
	New Star-Z ClimaPlus Concealed						●	
	New Star-Z ClimaPlus Glue On							
	Olympia Micro ClimaPlus	●	●	●	●			
	Olympus ClimaPlus Concealed						●	
	Olympus ClimaPlus Semi-Concealed						●	
	Pin Perf ClimaPlus Concealed						●	
	Pin Perf ClimaPlus High-NRC	●	●	●	●			
	Pin Perf ClimaPlus Semi-Concealed							
	Radar ClimaPlus	●	●	●	●			
	Radar ClimaPlus Illusion	●	●					
Administrative Offices	Astro ClimaPlus	●	●	●	●			
	Caterpillar ClimaPlus Concealed							
	Caterpillar ClimaPlus Glue On							
	Impressions ClimaPlus	●	●	●	●			
	Impressions ClimaPlus High-NRC	●	●	●	●			
	Mars ClimaPlus	●	●	●	●			
	Mars ClimaPlus High-NRC	●	●	●	●			
	New Star-Z ClimaPlus Concealed						●	
	New Star-Z ClimaPlus Glue On							
	Pin Perf ClimaPlus Concealed						●	
	Pin Perf ClimaPlus Semi-Concealed						●	
	Radar ClimaPlus	●	●	●	●			
	Radar ClimaPlus High-NRC	●	●	●	●			
Kitchens/Food Preparation Areas	Sheetrock Lay-in Ceiling Panel ClimaPlus, Vinyl	●						
	Sheetrock Lay-in Ceiling Panel ClimaPlus, Clean Room	●						
Operating Rooms	Clean Room ClimaPlus Class 100 panels	●						
	Sheetrock Lay-in Ceiling Panel ClimaPlus, Clean Room	●						
Sterile and Soiled Utility Rooms	Clean Room ClimaPlus Class 100	●						
	Sheetrock Lay-in Ceiling Panel ClimaPlus, Clean Room	●						
	Sheetrock Lay-in Ceiling Panel ClimaPlus, Vinyl							
Nurseries Reception & Waiting Areas	Caterpillar ClimaPlus Concealed							
	Caterpillar ClimaPlus Glue On							
	Impressions ClimaPlus	●	●	●	●			
	Impressions ClimaPlus High-NRC	●	●	●	●			
	Mars ClimaPlus High-NRC	●	●	●	●			
	New Star-Z ClimaPlus Concealed						●	
	New Star-Z ClimaPlus Glue On							
	Olympia Micro ClimaPlus	●	●	●	●			
	Pin Perf ClimaPlus	●	●	●	●			
	Pin Perf ClimaPlus Concealed						●	
	Pin Perf ClimaPlus Semi-Concealed						●	
	Radar ClimaPlus High-NRC	●	●	●	●			
	Radar ClimaPlus Illusion	●	●					
Patient Rooms	Impressions ClimaPlus	●	●	●	●			
	Olympia Micro ClimaPlus	●	●	●	●			
	Radar ClimaPlus	●	●	●	●			
	Radar ClimaPlus High-NRC	●	●	●	●			
Physiotherapy Areas	Astro ClimaPlus	●	●	●	●			
	Eclipse ClimaPlus	●	●	●	●			●
	Impressions ClimaPlus High-NRC	●	●	●	●			
	Mars ClimaPlus	●	●	●	●			

Suspension System Type

Health Care

Healthcare environments are now designed more holistically, promoting health, healing, wellness. What better way to create such an environment than by using USG Boral ceilings and wall systems. Clean, crisp ceiling products that are perfect for healthcare environments. Let your imagination and creativity guide you in developing innovative, health-conscious designs.

We offer various office space application options to help you design work areas that are:
1) highly functional;
2) will obtain client approval; and
3) within your budget criteria.

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Ceiling Panels	DX®/DXL™/DXI/DXII/DXIII	DXT™/DXLT™ Centricitee™/DXM	DXF™/DXLF™ Fineline®	DXFF™ Fineline® 1/8"	CE™	DA™	DX®
Bar, Restaurant/ Dining Areas							
Astro ClimaPlus	●	●	●	●			
Eclipse ClimaPlus	●	●	●	●			●
Mars ClimaPlus	●	●	●	●			
Mars ClimaPlus High-NRC	●	●	●	●			
Millennia ClimaPlus	●	●	●	●			●
Olympia Micro ClimaPlus	●	●	●	●			
Pin Perf ClimaPlus	●	●	●	●			
Pin Perf ClimaPlus High-NRC	●	●	●	●			
Sandrift ClimaPlus	●	●	●	●			
Administrative Offices							
Caterpillar ClimaPlus Concealed						●	
Caterpillar ClimaPlus Glue On							
Impressions ClimaPlus	●	●	●	●			
Impressions ClimaPlus High-NRC	●	●	●	●			
Mars ClimaPlus High-NRC	●	●	●	●			
New Star-Z ClimaPlus Concealed						●	
New Star-Z ClimaPlus Glue On							
Olympia Micro ClimaPlus	●	●	●	●			
Olympus ClimaPlus Concealed						●	
Olympus ClimaPlus Semi-Concealed						●	
Pin Perf ClimaPlus Concealed						●	
Pin Perf ClimaPlus Semi-Concealed						●	
Radar ClimaPlus	●	●	●	●			
Radar ClimaPlus High-NRC	●	●	●	●			
Fitness Center/Health Club							
Eclipse ClimaPlus	●	●	●	●			●
Olympia Micro ClimaPlus	●	●	●	●			
Pin Perf ClimaPlus	●	●	●	●			
Kitchens/Food Preparations Areas							
Sheetrock Lay-in Ceiling Panel ClimaPlus, Vinyl	●						
Sheetrock Lay-in Ceiling Panel ClimaPlus, Clean Room	●						
Reception Lobby Areas							
Astro ClimaPlus	●	●	●	●			
Caterpillar ClimaPlus Concealed						●	
Caterpillar ClimaPlus Glue On							
Impressions ClimaPlus	●	●	●	●			
Impressions ClimaPlus High-NRC	●	●	●	●			
Mars ClimaPlus	●	●	●	●			
Mars ClimaPlus High-NRC	●	●	●	●			
Millennia ClimaPlus	●	●	●	●			●
New Star-Z ClimaPlus Concealed						●	
New Star-Z ClimaPlus Glue On							
Olympia Micro ClimaPlus	●	●	●	●			
Pin Perf ClimaPlus	●	●	●	●			
Pin Perf ClimaPlus Concealed						●	
Pin Perf ClimaPlus Semi-Concealed						●	
Radar ClimaPlus High-NRC	●	●	●	●			
Radar ClimaPlus Illusion	●	●					
Rest Rooms / Utility Areas							
Impressions ClimaPlus	●	●	●	●			
Olympia Micro ClimaPlus	●	●	●	●			
Radar ClimaPlus	●	●	●	●			
Radar ClimaPlus High-NRC	●	●		●			
Radar ClimaPlus Illusion	●	●					

Suspension System Type (column grouping header above DX® through DXFF™ columns)

Hospitality

The hospitality and entertainment industry has numerous design requirements and needs. Whether designing a restaurant, fitness center or parking garage, USG Boral offers innovative, cutting-edge ceiling and wall system solution specifically for creating distinctive showplaces. Using curves, waves, vault and valleys, USG Boral helps you design spaces that attract, excite and thrill patrons, leaving a lasting expression of a magnificent experience.

We offer various hospitality / entertainment space application options to help you design a space that are:
1) highly functional;
2) will obtain client approval; and
3) within your budget criteria.

USG BORAL

Ceiling Panels		Suspension System Type						
		DX®/DXL™/DXI/DXII/DXIII	DXT™/DXLT™ Centricitee™/DXM	DXF™/DXLF™ Fineline®	DXFF™ Fineline® 1/8"	CE™	DA™	DX®
Boutiques	Astro ClimaPlus	●	●	●	●			
	Eclipse ClimaPlus	●	●	●	●			●
	Impressions ClimaPlus High-NRC	●	●	●	●			
	Mars ClimaPlus	●	●	●	●			
	Mars ClimaPlus High-NRC	●	●	●	●			
	Millennia ClimaPlus	●	●	●	●			●
	Oympia Micro ClimaPlus	●	●	●	●			
	Radar ClimaPlus High-NRC	●	●	●	●			
Convenience Stores	Impressions ClimaPlus	●	●	●	●			
	Pin Perf ClimaPlus	●	●	●	●			
	Radar ClimaPlus	●	●	●	●			
Department Stores	Caterpillar ClimaPlus Concealed						●	
	Caterpillar ClimaPlus Glue On							
	Impressions ClimaPlus	●	●	●	●			
	Impressions ClimaPlus High-NRC	●	●	●	●			
	Mars ClimaPlus	●	●	●	●			
	New Star-Z ClimaPlus Concealed						●	
	New Star-Z ClimaPlus Glue On							
	Olympus ClimaPlus Concealed						●	
	Olympus ClimaPlus Semi-Concealed						●	
	Pin Perf ClimaPlus	●	●	●	●			
	Pin Perf ClimaPlus Concealed						●	
	Pin Perf ClimaPlus High-NRC	●	●	●	●			
	Pin Perf ClimaPlus Semi-Concealed						●	
	Radar ClimaPlus	●	●	●	●			
Discount Stores	Impressions ClimaPlus	●	●	●	●			
	Pin Perf ClimaPlus	●	●	●	●			
	Radar ClimaPlus	●	●	●	●			
Grocery Stores	Caterpillar ClimaPlus Concealed						●	
	Caterpillar ClimaPlus Glue On							
	Impressions ClimaPlus	●	●	●	●			
	New Star-Z ClimaPlus Concealed						●	
	New Star-Z ClimaPlus Glue On							
	Olympia Micro ClimaPlus	●	●	●	●			
	Olympus ClimaPlus Concealed						●	
	Olympus ClimaPlus Semi-Concealed						●	
	Pin Perf ClimaPlus	●	●	●	●			
	Pin Perf ClimaPlus Concealed						●	
	Pin Perf ClimaPlus Semi-Concealed						●	
Kitchens / Food Preparation Areas	Sheetrock Lay-in Ceiling Panel ClimaPlus, Vinyl	●						
	Sheetrock Lay-in Ceiling Panel ClimaPlus, Clean Room	●						
Mass Merchandisers	Impressions ClimaPlus	●	●	●	●			
	Pin Perf ClimaPlus	●	●	●	●			
	Radar ClimaPlus	●	●	●	●			
Retails Stores	Caterpillar ClimaPlus Concealed						●	
	Caterpillar ClimaPlus Glue On							
	Impressions ClimaPlus	●	●	●	●			
	New Star-Z ClimaPlus Concealed						●	
	New Star-Z ClimaPlus Glue On							
	Olympia Micro ClimaPlus	●	●	●	●			
	Olympus ClimaPlus Concealed						●	
	Olympus ClimaPlus Semi-Concealed						●	
	Pin Perf ClimaPlus	●	●	●	●			
	Pin Perf ClimaPlus Concealed						●	
	Pin Perf ClimaPlus Semi-Concealed						●	
	Radar ClimaPlus Illusion	●	●					

Retail

Retail stores are designed to leave an indelible impression on the customer- usually in the form of a unique identity. USG Boral ceilings and wall systems can meet your store design needs by helping you create, define and enhance your store identity. Whether creating a new store or updating an existing one, USG Boral has what you need.

We offer various retail store application options to help you design a retail space that are:
1) highly functional;
2) will obtain client approval; and
3) are within your budget criteria.

ACOUSTICS

Acoustics 🔊)

A balanced acoustical environment often plays an important part in improving productivity, comfort and peoples' sense of well being. Through appropriate selection and placement of USG Boral ceiling systems, it is possible to improve speech intelligibility, reduce unwanted noise or increase privacy within a space or between adjacent offices.

NRC (Noise Reduction Coefficient) - defines the average sound absorption of a ceiling panel
CAC (Ceiling Attenuation Class) - defines the average 'room to room' sound attenuation of a ceiling system

Sound absorption	Sound attenuation
Noise Reduction Coefficient (NRC) measures the degree to which a ceiling panel absorbs sound. Ceiling panels with a high NRC value are most appropriate for open areas because they can reduce reverberation within a space. NRC is represented by number between 0 and 1.00, which indicates the percentage of sound reaching the panel that will be absorbed. For example, an acoustical ceiling panel with a NRC value of .60 will absorb 60% of the sound that strikes it and deflect 40% back into the space. A ceiling panel with a NRC of .50 or higher is considered to offer significant sound absorbing properties.	Ceiling Attenuation Class (CAC) indicates the ability of a ceiling system to reduce sound transmission. Panels with a high CAC value can improve privacy in enclosed spaces by blocking sound from transmitting up into the plenum and down to adjacent rooms. A ceiling panel with a CAC of 40 will reduce transmitted sound by 40 decibels (dB). A ceiling panel with CAC of 35 or higher is considered to offer significant sound attenuation properties.

FIRE RATING AND HUMIDITY RESISTANCE SELECTOR

Fire Rating 🔥

USG Boral Ceiling Panel products are manufactured to meet the requirements of ASTM standards for the preservation of the safety and welfare of building occupants. Our fire-rated products are available in a wide range of textures and patterns to meet your desired aesthetic, budget and building design requirements. Our ceiling panels and suspension systems work well to offer UL-approved fire-rated assemblies that meet all building design requirements.

CATERPILLAR™ CLIMAPLUS™ CONCEALED / NEW STAR-Z™ CLIMAPLUS™ CONCEALED
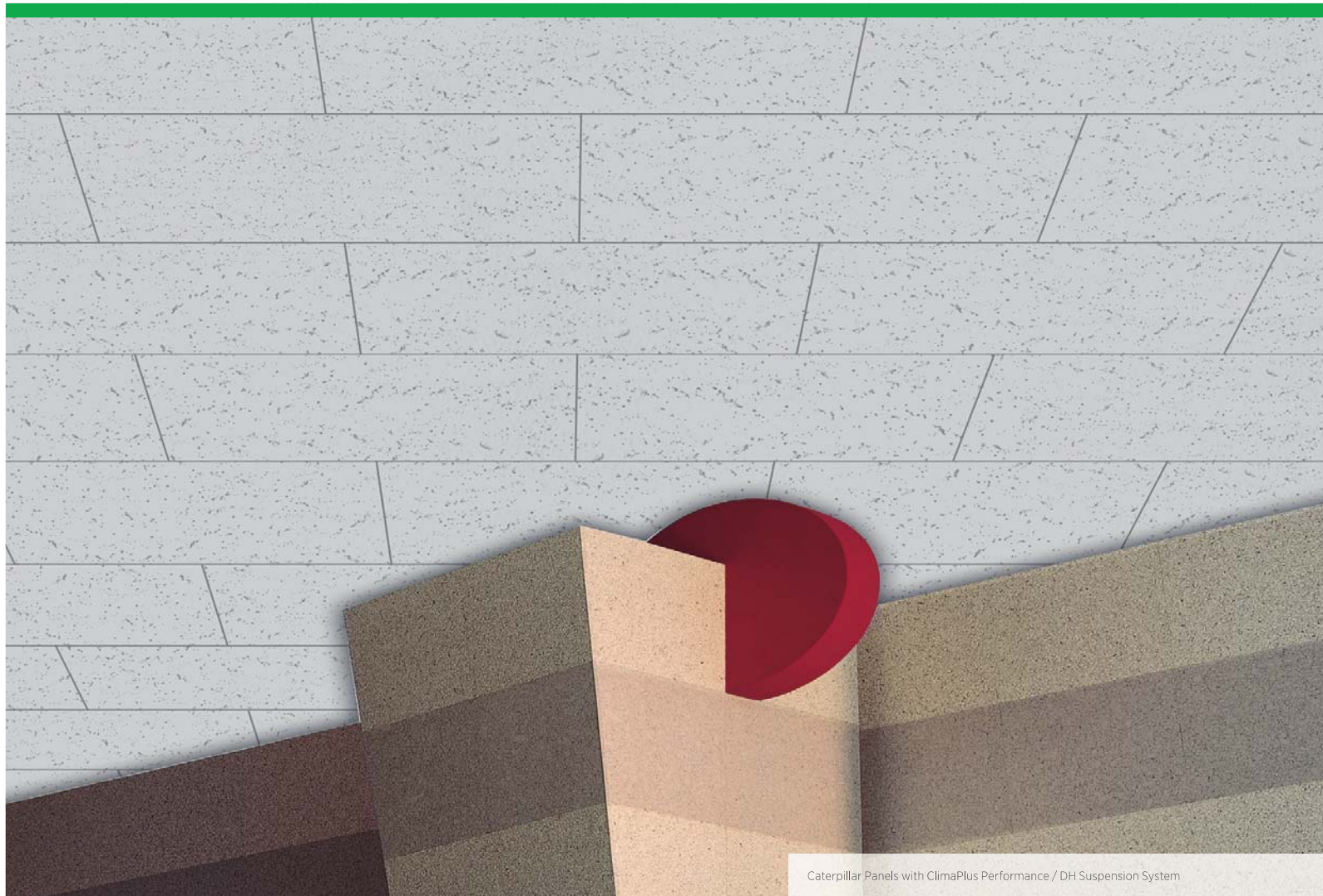
Caterpillar Panels with ClimaPlus Performance / DH Suspension System

FEATURES AND BENEFITS

- Non-directional pattern offers fast, efficient installation
- Grid system is totally concealed, creating a monolithic surface
- High mineral wool content ensures superior strength, high machinability and precision

APPLICATIONS

- Closed/Open type offices
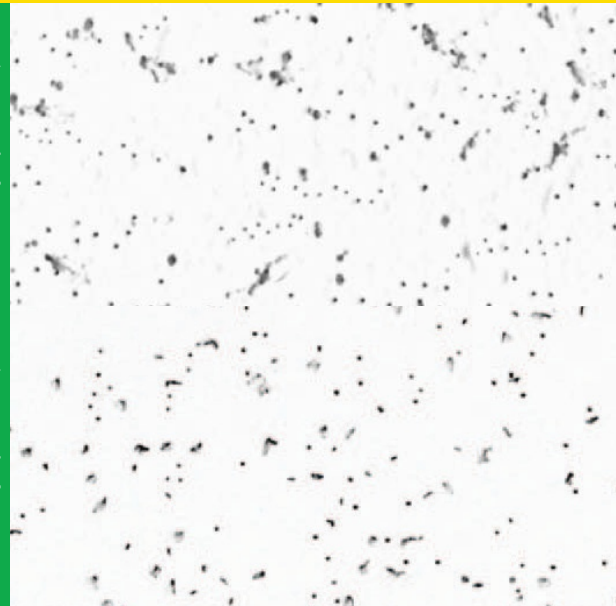- Retail stores
- Hospitals
- Warehouses
- Schools/Auditoriums
- Restaurants
- Exhibition rooms
- Light industrial buildings

SUBSTRATE

- Water-felted mineral fiber

HRC High Recycled Content

Lightly textured panel

Lightly textured panel

USG BORAL
INNOVATION INSPIRED BY YOU.™

CATERPILLAR™ CLIMAPLUS™ CONCEALED / NEW STAR-Z™ CLIMAPLUS™ CONCEALED
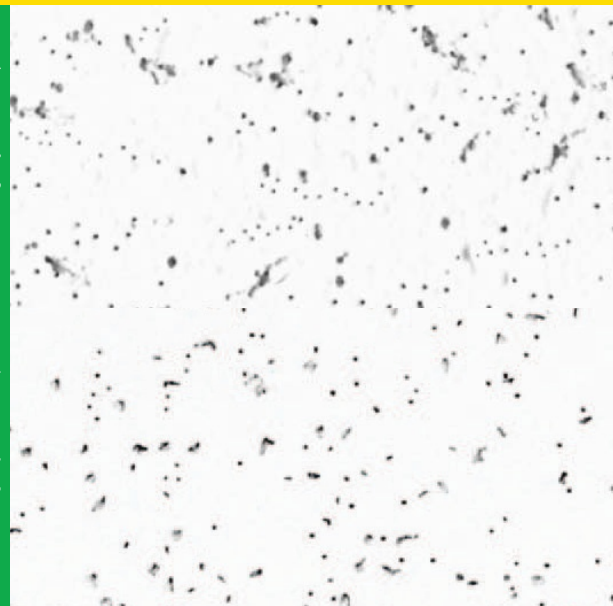
Edge	Panel Size[3]	Class	Item No.	NRC	CAC Min.	LR[2]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content[1]
CATERPILLAR CLIMAPLUS PANELS											
(All sides) BESK	300 x 600 x 15mm[4]	Class A	ME500165	.35	35	.87	White	A	Low		67% HRC
(All sides) S-BESK	300 x 600 x 15mm[4]	Class A	ME500175	.35	35	.87	White	A	Low		67% HRC
NEW STAR-Z CLIMAPLUS PANELS											
(All sides) BESK	300 x 600 x 15mm[4]	Class A	ME310165	.35	35	.87	White	A	Low		67% HRC
(All sides) S-BESK	300 x 600 x 15mm[4]	Class A	ME310175	.35	35	.87	White	A	Low		67% HRC

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.

High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.es.

$\geq$ .85 LR

GRID PROFILE OPTIONS

A
DA
DXI
DXII

PHYSICAL DATA/ FOOTNOTES

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

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

Imperial Weight
1.16-1.23 lb./ft.²
Metric Weight
5.7-6.0 kg/m²

Thermal Resistance
R-1.7.

Backloading
Refer to Installation and Maintenance

Maintenance
Can be cleaned easily with a soft brush or vacuum.

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.
2. LR values are shown as averages.
3. Not all panel size available in all geographic areas.
4. Imperial equivalent size available.

Short Specification:
- Ceiling system shall comprise USG Caterpillar™ ClimaPlus™ Concealed / New Star-Z™ ClimaPlus Concealed high humidity / fire resistant acoustical ceiling panels in DA, DX I and DX II.
- Panels shall have NRC 0.35.
- Panels shall have CAC 35.
- Nominal size (15mm x 300mm x 600mm). Imperial equivalent size available.
- Edge detail shall be Edge detail shall be all edges Bevel Edge Standard Kerf & Square (BESK) / all edges Shiplap-Bevel Edge Standard Kerf (S-BESK).
- Limiting Conditions - Maximum 49°C (120°F) and 99% RH.

USG BORAL

CATERPILLAR™ CLIMAPLUS™ GLUE-ON / NEW STAR-Z™ CLIMAPLUS™ GLUE-ON

Caterpillar Panels with ClimaPlus Performance

FEATURES AND BENEFITS

- Natural and simple pattern
- Tiles come together to form an integrated surface
- Stronger structural stability, effectively resists deforming
- Reduced thermal transfer and energy loss
- High mineral wool content ensures superior strength, high machinability and precision

APPLICATIONS

- Closed/Open type offices
- Retail stores
- Schools/Auditoriums
- Restaurants
- Corridors

SUBSTRATE

- Water-felted mineral fiber

HRC High Recycled Content

Lightly textured panel

Lightly textured panel

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	Edge	Panel Size[3]	Class	Item No.	NRC	CAC Min.	LR[2]	Color	VOC Emissions	Anti-Mold & Mildew	Recycled Content[1]
CATERPILLAR GLUE-ON CLIMAPLUS PANELS	CATERPILLAR	300 x 600 x 9mm[4]	Class A	ME500159	.35	-	.87	White	Low		64% HRC
		300 x 600 x 12mm[4]	Class A	ME500152	.35	-	.87	White	Low		64% HRC
NEW STAR-Z GLUE-ON CLIMAPLUS PANELS	NEW STARZ	300 x 600 x 9mm[4]	Class A	ME310159	.35	-	.87	White	Low		64% HRC
		300 x 600 x 12mm[4]	Class A	ME310152	.35	-	.87	White	Low		64% HRC

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

HRC High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

≥ .85 LR

PHYSICAL DATA/ FOOTNOTES

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

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

Imperial Weight
0.73-0.98 lb./ft.²
Metric Weight
3.6-4.8 kg/m²

Thermal Resistance
9mm = R-1.0
12mm = R-1.3

Backloading
Refer to Installation and Maintenance

Maintenance
Can be cleaned easily with a soft brush or vacuum.

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.
2. LR values are shown as averages.
3. Not all panel size available in all geographic areas.
4. Imperial equivalent size available.

Short Specification:
- Ceiling system shall comprise USG Caterpillar™ ClimaPlus™ Glue-On / New Star-Z™ ClimaPlus™ Glue-On high humidity / fire resistant acoustical ceiling panels.
- Panels shall have NRC 0.35.
- Nominal size (9mm / 12mm x 300mm x 600mm). Imperial equivalent size available.
- Limiting Conditions - Maximum 49°C (120°F) and 99% RH.

USG BORAL

CLEAN ROOM™ CLIMAPLUS™

Clean Room Class 10M-100M Panels with ClimaPlus Performance / DONN Brand DXLA Suspension System

FEATURES AND BENEFITS

- 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 designed to meet life safety codes.

- ClimaPlus™ 30-year lifetime system warranty to withstand conditions up to 49°C (120°F) and 99% relative humidity without visible sag when used with DONN® Brand suspension system.

APPLICATIONS

- Clean rooms
- Hospitals
- Surgical areas
- Laboratories
- Kitchens/food preparation areas

SUBSTRATE

- Water-felted mineral fiber

HRC High Recycled Content

Smooth-textured panel, Class 100

Smooth-textured panel, Class 10M-100M

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Edge[4]	Panel Size[7]	Class[8]	Item No.	NRC	CAC Min.	LR[3]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content[1]
		🔥		NRC	CAC	💡		⊞	◁	🟩	♻

CLEAN ROOM CLIMAPLUS CLASS 100 PANELS

Edge[4]	Panel Size[7]	Class[8]	Item No.	NRC	CAC Min.	LR[3]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content[1]
SQ	2' x 2' x 5/8" 600 x 600 x 15mm unperforated	🔥	56099 ME56099	-	35	.79	White	A, B, C, D, E	Low	🟩	52% HRC
	2' x 4' x 5/8" 600 x 1200 x 15mm unperforated	🔥	56091 ME56091	-	35	.79	White	A, B, C, D, E	Low	🟩	52% HRC
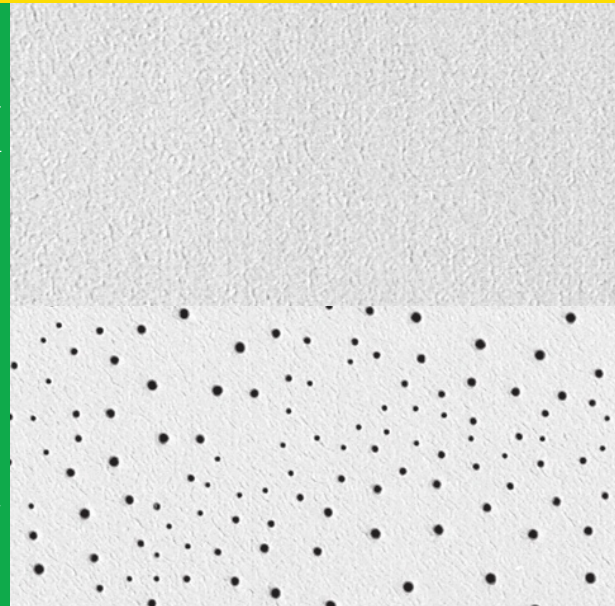
CLEAN ROOM CLIMAPLUS CLASS 10M-100M PANELS[6]

Edge[4]	Panel Size[7]	Class[8]	Item No.	NRC	CAC Min.	LR[3]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content[1]
SQ	2' x 2' x 5/8" 600 x 600 x 15mm perforated	🔥	56060 ME56060	.55	35	.79	White	A, B, C, D, E	Low	🟩	52% HRC
	2' x 4' x 5/8" 600 x 1200 x 15mm perforated	🔥	56090 ME56090	.55	35	.79	White	A, B, C, D, E	Low	🟩	52% HRC

LEGEND

◁ Low Emission (VOC Class)

Low-Emitting performance meets CA Specification 01350 (CA Dept. of Health Services Standard Practice for the testing of VOC emissions) and is listed on CHPS data base for low-emitting materials.

🟩 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

HRC High Recycled Content

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

🔥 Firecode®

GRID PROFILE OPTIONS

A DX®/DXL™ DXI DXII DXIII	B DXLA™	C ZXLA™	D[8] AX™	E CE™[5]

PHYSICAL DATA/ FOOTNOTES

ASTM E1264 Classification
Class 100: Type X, Pattern GI
Class 10-100M: Type X, Pattern CGI

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

Imperial Weight
1.1 lb./ ft² (Class 100™ panel)
1.2 lb./ ft² (Class 10m-100m panels)
Metric Weight
1.1 lb./ ft² (Class 100™ panel)
1.2 lb./ ft² (Class 10m-100m panels)

Thermal Resistance
R-1.60

Backloading
Refer to Installation and Maintenance

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.

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.

2. NRC rating CleanRoom ClimaPlus Class 100 panels is .10. USG does not consider a ceiling panel to be acoustically rated if NRC is less than .50

3. LR values are shown as averages.

4. Field-cut edges of CleanRoom panels may be seated with white latex paint.

5. Clean-room-rated applications require a suspension system with gasketed tee flanges such as DONN CE.

6. Not intended for kitchen/food prep applications. Use unperforated product (Class100) - Item numbers 56099 and 56091.

7. Not all panel sizes available in all geographic areas.

8. Not all grids shown should be used with the fire resistant panels; for fire rated assemblies, see UL design details.

Short Specification:
- Ceiling system shall comprise USG CleanRoom™ ClimaPlus™ high humidity / fire resistance acoustical ceiling panels in (DONN DX 24mm [15/16"] / DONN CE 38mm [1-1/2"] / DONN DXW 38mm [1-1/2"] / DXLA 24mm [15/16"] / ZXLA 24mm [15/16"] / AX 24mm [15/16"]) exposed grid including wall trim as manufactured by USG Interiors, LLC.
- Panels shall have NRC 0.55 (CleanRoom™ ClimaPlus™ Class 10M-100M perforated)
- Panels shall have CAC 35
- Nominal size (600 x 600mm / 600mm x 1200mm) x 15mm / (2' x 2' / 2' x 4') x 5/8".
- Edge detail shall be Square [SQ] .
- Limiting Conditions - Maximum 49°C (120°F) and 99% RH

USG BORAL
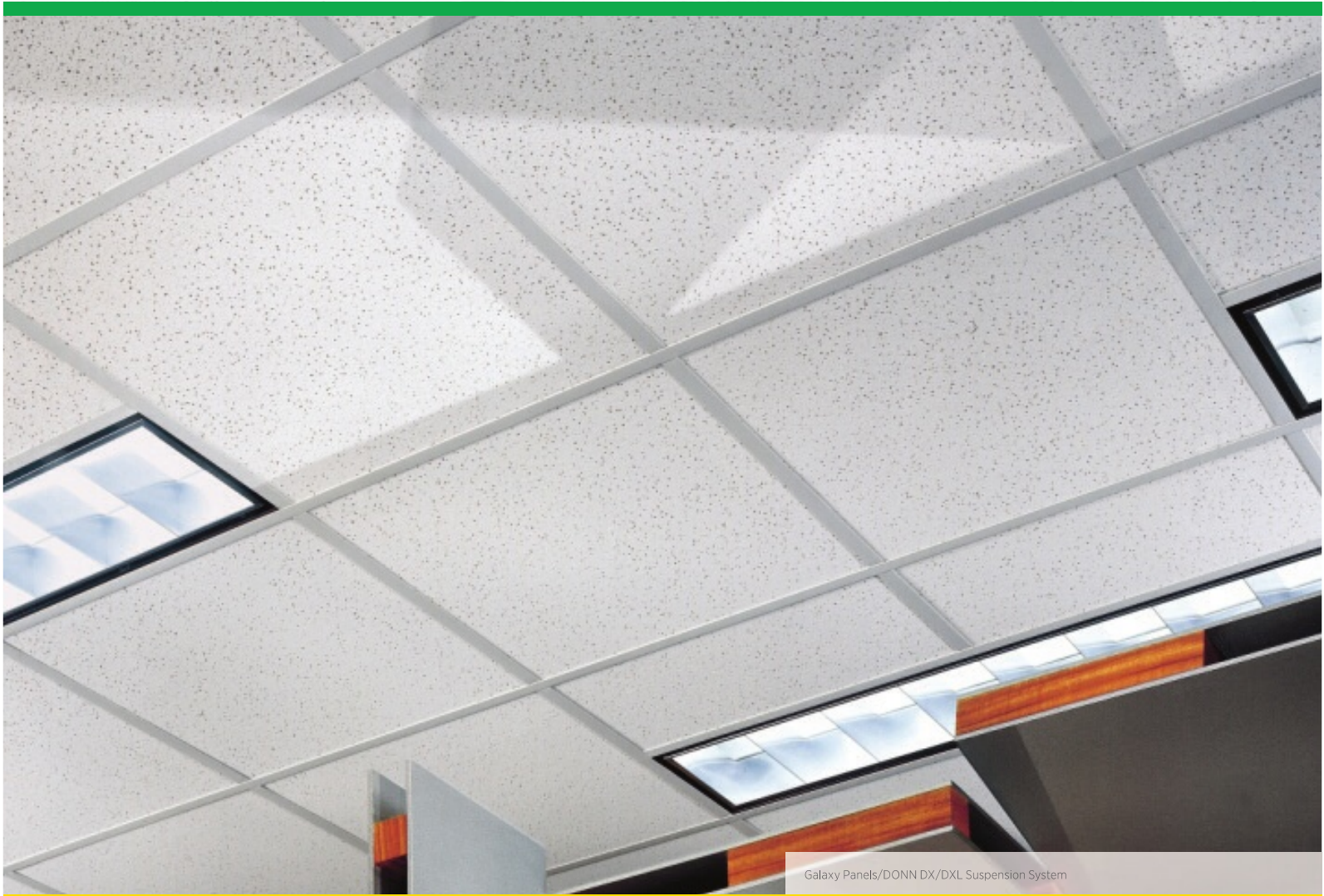
GALAXY™

Galaxy Panels/DONN DX/DXL Suspension System

FEATURES AND BENEFITS

- Economical, all-purpose ceiling pattern available in various panel sizes and edge details.

APPLICATIONS

- Retail or Department stores
- Offices
- Corridors

SUBSTRATE

- Water-felted mineral fiber

Random, fine and coarse perforations

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GALAXY PANELS

Edge	Panel Size[3]	Class	Item No.	NRC	CAC Min.	LR[2]	Color	Grid Options	VOC Emissions	Recycled Content[1]
SQ	2' x 2' x 2" 600 x 600 x 12mm	Class A	**32212** ME32212	-	30	.86	White	A, B, C	Low	45%
	2' x 2' x 5/9" 600 x 600 x 14mm	Class A	**32214** ME32214	.50	30	.86	White	A, B, C	Low	45%
	2' x 4' x 5/9" 600 x 1200 x 14mm	Class A	**32414** ME32414	.50	33	.86	White	A	Low	45%
SLT	2' x 2' x 5/9" 600 x 600 x 14mm	Class A	**32224** ME32224	.50	33	.86	White	D	Low	45%
	2' x 4' x 5/9" 600 x 1200 x 14mm	Class A	**32424** ME32424	.50	33	.86	White	D	Low	45%
FLB	2' x 2' x 5/9" 600 x 600 x 14mm	Class A	**32234** ME32234	.50	33	.86	White	E, F, G, H	Low	45%
	2' x 4' x 5/9" 600 x 1200 x 14mm	Class A	**32434** ME32434	.50	33	.86	White	E, F, G, H	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.

A
 DX®
 DXI
 DXII
 DXIII

B
 Centricitee™
 DXT™

C
 Omega™
 DXM™

D
 DX®
 DXI
 DXII
 DXIII

E
 Omega™
 DXM™

F
 Fineline® 1/8"
 DXFF™

G
 Fineline® DXF™

H
 Centricitee™
 DXT™

GRID PROFILE OPTIONS

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
 0.68 - 0.73 lb./ft.[2]
 Metric Weight
 3.33 - 3.58 kg/m^{2}

Thermal Resistance
 R-1.6

Backloading
 Refer to Installation and Maintenance

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

Sag Resistance
 12mm 600 x 600 tiles withstand conditions up to 40°C (120°F) / 80% relative humidity without visible sag

14mm 600 x 600 tiles withstand conditions up to 40°C (120°F) / 95% relative humidity without sag

14mm 600 x 1200 tiles withstand conditions up to 40° C (120°F) / 90% relative humidity without visible sag

USG BORAL

HALCYON™ CLIMAPLUS™

Halcyon Panels with ClimaPlus Performance/
DONN Fineline 1/8 DXFF Suspension System

Fine-textured panel

FEATURES AND BENEFITS

- Exceptional noise reduction with NRC values up to 1.00 for open-plan offices
- High light-reflective finish (LR.88) reduces light fixtures and energy use
- Washable and Scrubbable finish - Impact and Scratch Resistant
- Coordinates visually with Mars for open/closed plan applications
- Compatible with Logix integrated ceiling system
- Non-directional, monolithic visual reduces installation time and waste
- ClimaPlus™ 30-year lifetime system warranty against visible sag.

APPLICATIONS

- Open-plan offices
- Offices with indirect lighting
- Waiting Rooms / Nurses stations
- Media Rooms
- Libraries

SUBSTRATE

- Fiberglass

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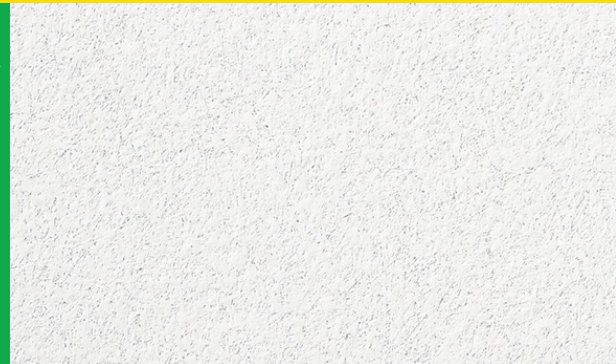
HALCYON CLIMAPLUS PANELS

Edge	Panel Size [2,4]	Class	Item No.	NRC	CAC Min.	LR [3]	Color	Grid Options	Anti-Mold & Mildew	Recycled Content [1]
SQ	2' x 2' x 3/4"	Class A	97221	.90	20	.90	White	A, B, C		46%
	2' x 4' x 3/4"	Class A	97241	.90	20	.90	White	A, B		46%
	2' x 2' x 1"	Class A	98221	.95	20	.90	White	A, B, C		43%
	30" x 30" x 1"	Class A	98331	.95	20	.90	White	A, B, C		43%
	2' x 2' x 1" Foil-Back	Class A	88221	.90	30	.90	White	A, B, C		43%
	2' x 4' x 1"	Class A	98241	.95	20	.90	White	A, B		43%
	2' x 4' x 1" Foil-Back	Class A	88223	.90	30	.90	White	A, B		43%
	2' x 4' x 1-1/2"	Class A	99241	1.00	25	.90	White	A, B		51%
	2' x 4' x 1-1/2" Foil-Back	Class A	88224	.95	30	.90	White	A, B		51%
	2' x 2' x 1-1/2"	Class A	99221	1.00	25	.90	White	A, B, C		51%
SL	2' x 2' x 1"	Class A	98223	.95	20	.90	White	D		43%
	2' x 2' x 1" Foil-Back	Class A	88225	.90	30	.90	White	D		43%
	2' x 4' x 1"	Class A	98243	.95	20	.90	White	D		43%
	30" x 30" x 1"	Class A	98333	.95	20	.90	White	D		43%
	2' x 4' x 1" Foil-Back	Class A	88226	.90	30	.90	White	D		43%
	2' x 2' x 1-1/2"	Class A	99223	1.00	25	.90	White	D		51%
FL	2' x 2' x 1"	Class A	98225	.95	20	.90	White	E, F, G, H		43%
	2' x 4' x 1"	Class A	98245	.95	20	.90	White	E, F, G, H		43%
	30" x 30" x 1"	Class A	98335	.95	20	.90	White	E, F, G, H		43%
	2' x 2' x 1" Foil-Back	Class A	88227	.90	30	.90	White	E, F, G, H		43%
	2' x 2' x 1-1/2"	Class A	99225	1.00	25	.90	White	E, F, G, H		51%

GRID PROFILE OPTIONS

A DX®/DXL™	B DXW™	C Centricitee™ DXT™	D DX®/DXL™	E Centricitee™ DXT™	F Fineline® 1/8" DXF™	G Fineline® 1/8" DXFF™	H Identitee™ DXI™

LEGEND

ClimaPlus Warranty Performance
Fiberglass substrate is inherently resistant to the growth of mold and mildew. Includes sag resistance performance.

≥ .70 NRC   ≥ .85 LR

PHYSICAL DATA/ FOOTNOTES

ASTM E1264 Classification
Type XII, Form 2, Pattern E & G

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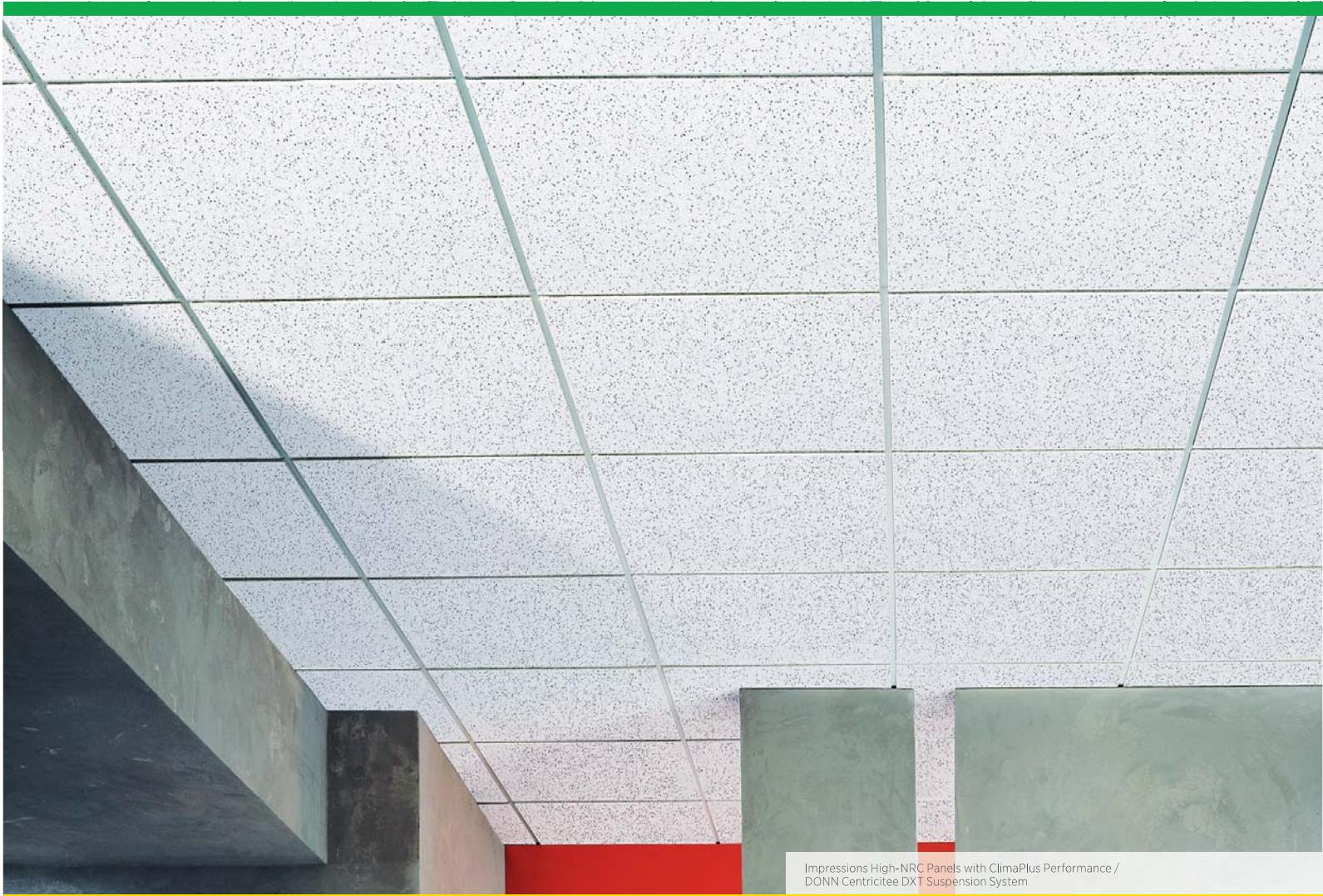Class A
Flame spread: 25
Smoke developed: 50

Imperial Weight
0.38 lb./ft.^{2} (3/4" panels)
0.47 lb./ft.^{2} (1" panels)
0.68 lb./ft.^{2} (1-1/2" panels))
Metric Weight
1.85 kg/m^2 (19mm panels)
2.29 kg/m^2 (25mm panels)
3.32 kg/m^2 (38mm panels)

Thermal Resistance
R-3.3 (3/4" panels)
R-4.4 (1" panels)
R-6.6 (1-1/2" panels)

Backloading
Refer to Installation and Maintenance

Maintenance
Can be cleaned easily with a soft brush or vacuum. To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface

Treating field cut reveal edges
All field-cut edges "exposed to view" should be colored to match the factory finish. Halcyon Touch-up Edge Paint is recommended when perimeter field cuts expose the yellow substrate.

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.
2. Custom-size panels available. Please contact your USG sales representative for details.
3. LR values are shown as averages.
4. Not all panel sizes available in all geographic areas, some metric sizes available to order.

Short Specification:
- Ceiling system shall comprise USG Halcyon™ ClimaPlus™ high humidity / fire resistance acoustical ceiling panels in (DONN Centricitee 15mm [9/16"] / DONN DX 24mm [15/16"] / DONN Fineline 15mm [9/16"] face / DXW 38mm [1-1/2"] / DONN Identitee 15mm [9/16"]) exposed grid including wall trim as manufactured by USG Interiors, LLC.
- Panels shall have NRC 0.90-1.00.
- Panels shall have CAC 20-30.
- Nominal size (2' x 2' / 2' x 4' / 30" x 30") x 3/4" /1" /1-1/2".
- Edge detail shall be (Square [SQ] / Shadowline [SL] /Fineline [FL]).
- Limiting Conditions - Maximum 49°C (120°F)/99% RH.

USG BORAL

IMPRESSIONS™ CLIMAPLUS™
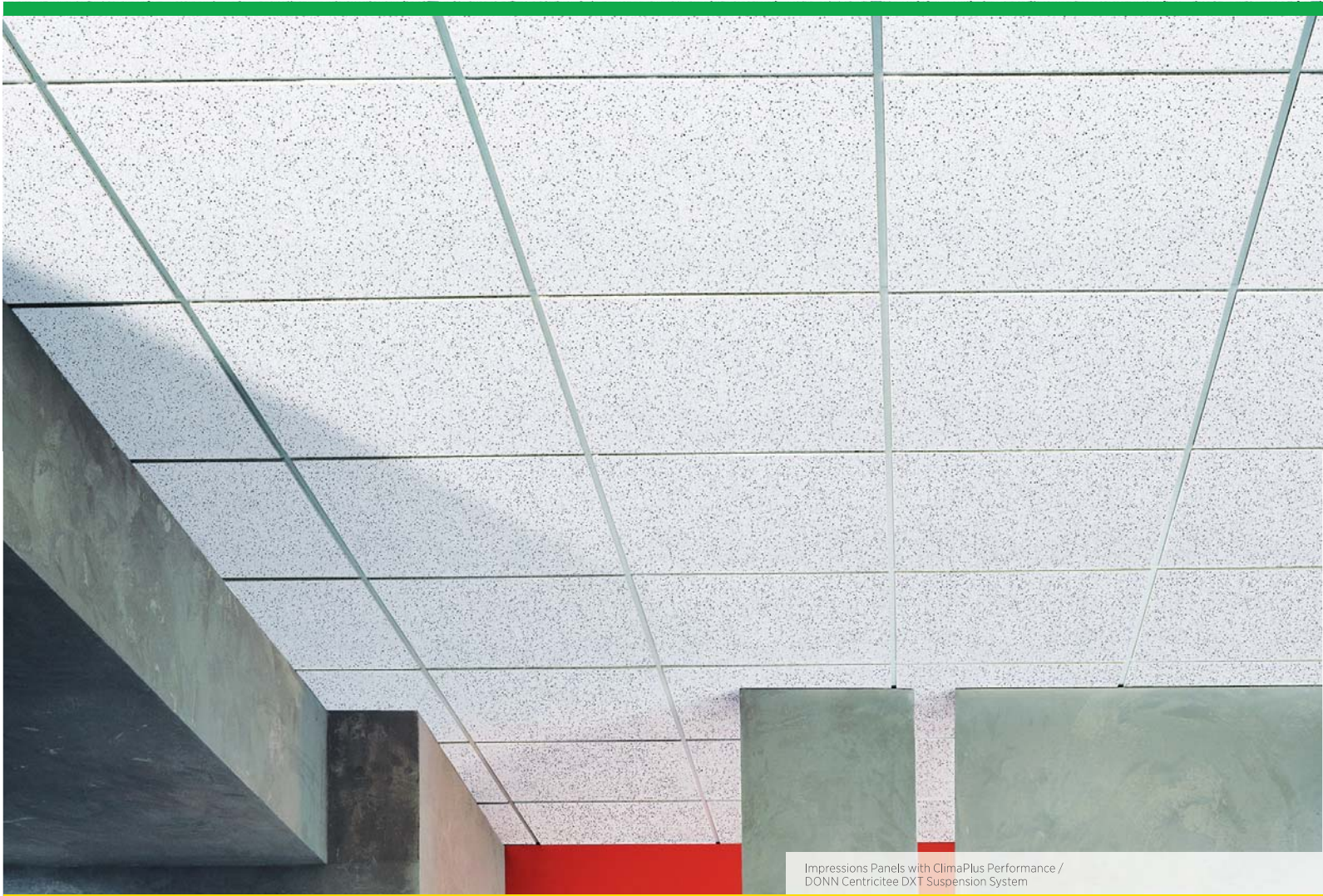
Impressions Panels with ClimaPlus Performance /
DONN Centricitee DXT Suspension System

FEATURES AND BENEFITS

- Micro fissured non-directional pattern for a cleaner, whiter appearance
- ClimaPlus 30-year lifetime system warranty to withstand temperature and humidity conditions up to 49°C (120°F)/99% relative humidity without visible sag when used with a USG DONN® Brand suspension system.
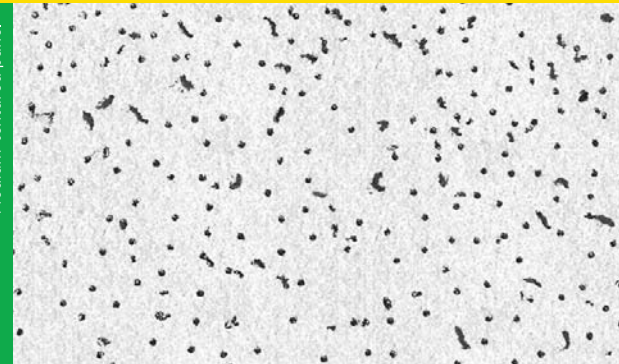
APPLICATIONS

- Offices
- Retail
- Warehouse
- Schools
- Showrooms
- Restaurants

SUBSTRATE

- Water-felted mineral-fiber

Medium-textured panel

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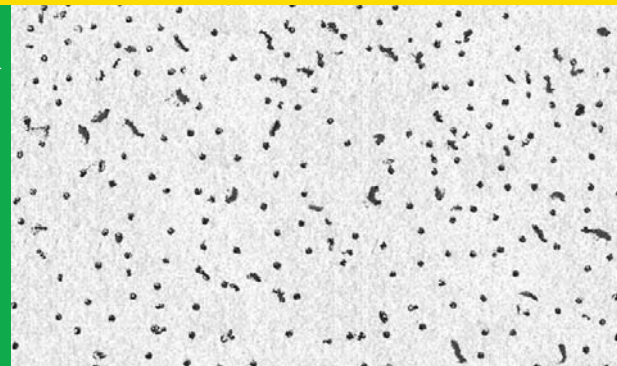
IMPRESSIONS CLIMAPLUS PANELS

Edge	Panel Size[3]	Class	Item No.	NRC	CAC Min.	LR[2]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content[1]
SQ	2 x 2 x 5/8" 600 x 600 x 16mm	Class A	**903** ME903	.60	33	.84	White	A, B, C	Low		45%
	2 x 4 x 5/8" 600 x 1200 x 16mm	Class A	**904** ME904	.60	35	.84	White	A	Low		45%
SLT	2 x 2 x 5/8" 600 x 600 x 16mm	Class A	**905** ME905	.60	33	.84	White	D	Low		45%
	2 x 4 x 5/8" 600 x 1200 x 16mm	Class A	**908** ME908	.60	35	.84	White	D	Low		45%
FLB	2 x 2 x 5/8" 600 x 600 x 16mm	Class A	**916** ME916	.60	33	.84	White	E, F, G, H	Low		45%
	2 x 4 x 5/8" 600 x 1200 x 16mm	Class A	**911** ME911	.60	35	.84	White	E, F, G, H	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.

GRID PROFILE OPTIONS

A DX® DXI DXII DXIII	B Centricitee™ DXT™	C Omega™ DXM™	D DX® DXI DXII DXIII	E Omega™ DXM™	F Fineline® 1/8" DXFF™	G Fineline® 1/8" DXF™	H Centricitee™ DXT™

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.[2]
Metric Weight
3.86-4.23 kg/m^{2}

Thermal Resistance
R-1.7

Backloading
Refer to Installation and Maintenance

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.
2. LR values are shown as averages.
3. 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 NRC 0.55.
- Panels shall have CAC 33-35.
- Nominal size (600mm x 600mm / 600mm x 1200mm) x 16mm / (2' x 2' / 2' x 4') x 5/8".
- Edge detail shall be (Fineline Bevel [FLB] / Shadowline Tapered [SLT] / Square [SQ]).
- Limiting Conditions - Maximum 49°C (120°F)/99% RH.

USG BORAL

IMPRESSIONS™ CLIMAPLUS™ HIGH-NRC

Impressions High-NRC Panels with ClimaPlus Performance /
DONN Centricitee DXT Suspension System

FEATURES AND BENEFITS

- Micro fissured non-directional pattern for a cleaner, whiter appearance
- ClimaPlus 30-year lifetime system warranty to withstand temperature and humidity conditions up to 49°C (120°F)/99% relative humidity without visible sag when used with a USG DONN® Brand suspension system.

APPLICATIONS

- Offices
- Retail
- Warehouse
- Schools
- Showrooms
- Restaurants

SUBSTRATE

- Water-felted mineral-fiber

HRC High Recycled Content

Medium-textured panel
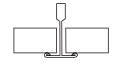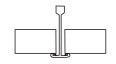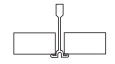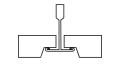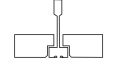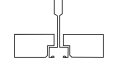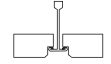
USG BORAL
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IMPRESSIONS™ CLIMAPLUS™ HIGH-NRC

IMPRESSIONS CLIMAPLUS HIGH-NRC PANELS

Edge	Panel Size [3]	Class	Item No.	NRC	CAC Min.	LR [2]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content [1]
SQ	2' x 2' x 3/4" 600 x 600 x 19mm	Class A	973 ME973	.70	33	.86	White	A, B, C	Low		57%
	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	974 ME974	.70	35	.86	White	A	Low		57%
SLT	2' x 2' x 3/4" 600 x 600 x 19mm	Class A	975 ME975	.70	33	.86	White	D	Low		57%
	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	978 ME978	.70	35	.86	White	D	Low		57%
FLB	2' x 2' x 3/4" 600 x 600 x 19mm	Class A	976 ME976	.70	33	.86	White	E, F, G, H	Low		57%
	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	971 ME971	.70	35	.86	White	E, F, G, H	Low		57%

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.

High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines

≥ .70 NRC

≥ .85 LR

A
DX®
DXI
DXII
DXIII

B
Centricitee™
DXT™

C
Omega™
DXM™

D
DX®
DXI
DXII
DXIII

E
Omega™
DXM™

F
Fineline® 1/8"
DXFF™

G
Fineline® 1/8"
DXF™

H
Centricitee™
DXT™

GRID PROFILE OPTIONS

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
1.16-1.30 lb./ft.²
Metric Weight
5.70-6.10 kg/m²

Thermal Resistance
R-1.7

Backloading
Refer to Installation and Maintenance

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.

2. LR values are shown as averages.

3. Not all panel sizes available in all geographic areas, some metric sizes available to order

4. Custom color available.

Short Specification:
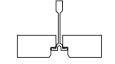- Ceiling system shall comprise USG Impressions ClimaPlus™ High-NRC high humidity / fire resistant acoustical ceiling panels in (DONN Centricitee 15mm [9/16"] / DONN DX 24mm [15/16"] / DONN Omega 15mm [9/16"] / DONN Fineline 15mm [9/16"] / DONN Identitee 15mm [9/15"]) exposed grid including wall trim as manufactured by USG Interiors, LLC.
- Panels shall have NRC 0.70.
- Panels shall have CAC 33-35.
- Nominal size (600mm x 600mm / 600mm x 1200mm) x 19mm / (2' x 2' / 2' x 4') x 3/4".
- Edge detail shall be (Fineline Bevel [FLB] / Shadowline Tapered [SLT] / Square [SQ]).
- Limiting Conditions - Maximum 49°C (120°F)/99% RH.

USG BORAL

MARS™ CLIMAPLUS™

Mars Panels with ClimaPlus Performance/DONN DX/DXL Suspension System

Fine-textured panel

FEATURES AND BENEFITS

- Excellent noise reduction up to NRC 0.75
- High light-reflective finish (LR-.90) reduces light fixtures and energy use
- Washable and scrubbable finish
- Impact and scratch resistant
- Available in Optimized Recycled Content formulations to help maximize LEED recycled content contribution
- Non-directional, monolithic visual reduces installation time and waste
- ClimaPlus™ 30-year lifetime system warranty against visible sag, mold and mildew

APPLICATIONS

- Offices
- Conference rooms
- Healthcare
- Classrooms
- Corridors
- Reception/Lobby areas
- Dining rooms and food prep areas

SUBSTRATE

- Wet-formed mineral fiber

HRC High Recycled Content

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MARS CLIMAPLUS PANELS

Edge	Panel Size[3]	Class	Item No.	NRC	CAC Min.	LR[2]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content[1] Total	PC	PI	LEED RC
SQ	2' x 2' x 3/4"	Class A	86185	.75	35	.90	White	A, B, C	Low		75.1%	0.0%	75.1%	37.6%
	2' x 2' x 3/4"	Class A	86185HRC	.70	35	.90	White	A, B, C	Low		80.5%	17.7%	63.8%	49.1%
	2' x 4' x 3/4"	Class A	88185	.75	35	.90	White	A, B	Low		75.1%	0.0%	75.1%	37.6%
	2' x 4' x 3/4"	Class A	88185HRC	.70	35	.90	White	A, B	Low		80.5%	17.7%	63.8%	49.1%
SLT	2' x 2' x 3/4"	Class A	86785	.75	35	.90	White	D	Low		75.1%	0.0%	75.1%	37.6%
	2' x 2' x 3/4"	Class A	86785HRC	.70	35	.90	White	D	Low		80.5%	17.7%	63.8%	49.1%
	2' x 4' x 3/4"	Class A	88785	.75	35	.90	White	D	Low		75.1%	0.0%	75.1%	37.6%
	2' x 4' x 3/4"	Class A	88785HRC	.70	35	.90	White	D	Low		80.5%	17.7%	63.8%	49.1%
FLB	2' x 2' x 3/4"	Class A	86985	.75	35	.90	White	E, F, G, H	Low		75.1%	0.0%	75.1%	37.6%
	2' x 2' x 3/4"	Class A	86985HRC	.70	35	.90	White	E, F, G, H	Low		80.5%	17.7%	63.8%	49.1%
	2' x 4' x 3/4"	Class A	88985	.75	35	.90	White	E, F, G, H	Low		75.1%	0.0%	75.1%	37.6%
	2' x 4' x 3/4"	Class A	88985HRC	.70	35	.90	White	E, F, G, H	Low		80.5%	17.7%	63.8%	49.1%
	30" x 30" x 3/4"	Class A	86830	.75	35	.90	White	E, F, G, H	Low		75.1%	0.0%	75.1%	37.6%

LEGEND

Low Emission (VOC Class)

Low-Emitting performance meets CA Specification 01350 (CA Dept. of Health Services Standard Practice for the testing of VOC emissions) and is listed on CHPS data base for low-emitting materials. USG Certificate of Compliance for Low VOC Emissions also available in usg.com

CLIMAPLUS Superior Performance [4]

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

HRC High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

NRC ≥ .70 NRC

≥ .85 LR

GRID PROFILE OPTIONS

A DX®/DXL™ DXI DXII DXIII	B DXW™	C[5] Centricitee™ DXT™	D DX®/DXL™ DXI DXII DXIII	E Centricitee™ DXT™	F Fineline® 1/8" DXF™	G Fineline® 1/8" DXFF™	H Omega™ DXM™

PHYSICAL DATA/ FOOTNOTES

ASTM E1264 Classification
Type IV, Form 1 and 2, Pattern E,G

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

Imperial Weight
0.96-1.05 lb./ft.²
Metric Weight
4.68 - 5.12 kg/m²

Thermal Resistance
R-2.2

Backloading
Refer to Installation and Maintenance

Maintenance
Can be cleaned easily with a soft brush or vacuum. To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface.

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.

2. LR values are shown as averages.

3. Not all panel sizes available in all geographic areas, some metric sizes available to order.

4. Panel face and back surfaces treated with a proprietary, broad-spectrum antimicrobial additive that inhibits and retards the growth of mold and mildew. For details, see Ceiling Systems Limited Warranty Commercial Applications (CW2015).

5. Maximum 2'x2' with SQ edge panels.

USG BORAL

MARS™ CLIMAPLUS™ HIGH-NRC

Mars High-NRC Panels with ClimaPlus Superior Performance / DONN DX/DXL Suspension System

Fine-textured panel

FEATURES AND BENEFITS

- Excellent noise reduction (NRC-.80).
- High light-reflective finish (LR-.89) reduces light fixtures and enery use.
- Washable and scrubbable finish.
- Impact and scratch resistant.
- Meet USDA/FSIS guidelines for use in food processing areas.
- Coordinates visually with Halcyon™ for open-or-closed-plan applications
- Non-directional, monolithic visual reduces installation time and waste.
- ClimaPlus™ 30-year lifetime no-sag system warranty against visible sag, mold and mildew

APPLICATIONS

- Offices
- Healthcare
- Classrooms
- Corridors
- Reception areas and lobbies
- Departmental stores and retail
- Dining rooms, kitchens and food preparation areas

SUBSTRATE

- X-Technology mineral fiber

HRC High Recycled Content

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MARS CLIMAPLUS HIGH-NRC PANELS

Edge	Panel Size [5]	Class	Item No.	NRC	CAC Min.	LR [2]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content [1]
SQ	2' x 2' x 7/8"	Class A	86100	.80	35	.89	White	A, B, C	Low		76%
	2' x 4' x 7/8"	Class A	86300	.80	35	.89	White	A	Low		76%
SLT	2' x 2' x 7/8"	Class A	87200	.80	35	.89	White	D	Low		76%
	2' x 4' x 7/8"	Class A	89600	.80	35	.89	White	D	Low		76%
	30" x 30" x 7/8"	Class A	86500	.80	35	.89	White	D	Low		76%
FLB	2' x 2' x 7/8"	Class A	87100	.80	35	.89	White	E, F, G, H	Low		76%
	2' x 4' x 7/8"	Class A	89500	.80	35	.89	White	E, F, G, H	Low		76%
	30" x 30" x 7/8"	Class A	86400	.80	35	.89	White	E, F, G, H	Low		76%

LEGEND

Low Emission (VOC Class)

Low-Emitting performance meets CA Specification 01350 (CA Dept. of Health Services Standard Practice for the testing of VOC emissions) and is listed on CHPS data base for low-emitting materials.

ClimaPlus Superior Performance [3]

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

High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

NRC $\geq$ .70 NRC

$\geq$ .85 LR

A DX®/DXL™ DXI DXII DXIII	B DXW™	C [4] Centricitee™ DXT™/DXLT™	D DX®/DXL™ DXI DXII DXIII	E Centricitee™ DXT™	F Fineline® 1/8" DXF™	G Fineline® 1/8" DXFF™	H Omega™ DXM™

GRID PROFILE OPTIONS

PHYSICAL DATA/ FOOTNOTES

ASTM E1264 Classification
Type IV, Form 1 and 2, Pattern E,G

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

Imperial Weight
1.21 lb./ft.²

Metric Weight
5.89 kg/m²

Thermal Resistance
R-2.2

Backloading
Refer to Installation and Maintenance

Maintenance
Can be cleaned easily with a soft brush or vacuum. To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface.

Proprietary technology
This product's unique combination of sag resistance and sound performance results from a proprietary technology.

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.

2. LR values are shown as averages.

3. Panel face and back surfaces treated with a proprietary, broad spectrum antimicrobial additive that inhibits and retards the growth of mold, mildew and bacteria. For details, see Ceiling Systems Limited Warranty Commercial Applications (CW2015).

4. Maximum 2'x2' with SQ edge panels.

5. Not all panel sizes available in all geogrpahic areas, some metric sizes suitable to order.

Short Specification:
- Ceiling system shall comprise USG Mar™ ClimaPlus™ High-NRC humidity / fire resistant acoustical ceiling panels in (DONN Centricitee 15mm [9/16"] / DONN DX 24mm [15/16"] / DONN Omega 15mm [9/16"] / DONN Finelilne 15mm [9/16"] / DONN Identitee 15mm [9/16"]) exposed grid including wall trim as manufactured by USG Interiors, LLC.
- Panels shall have NRC 0.80.
- Panels shall have CAC 35.
- Nominal size (600mm x 600mm / 600mm x 1200mm) x 22mm / (2' x 2' / 2' x 4') x 7/8".
- Edge detail shall be (Fineline Bevel [FLB / Shadowline Tapered [SLT] / Square Edge [SQ]).
- Limiting Conditions - Maximum 49°C (120°F)/99% RH.

USG BORAL

OLYMPIA MICRO™ CLIMAPLUS™

Olympia Micro Panels with ClimaPlus Performance /
DONN DX/DXL Suspension System

FEATURES AND BENEFITS

- Nondirectional pattern reduces installation time and waste
- ClimaPlus™ 30-year lifetime system warranty to withstand conditions up to 49°C (120°F)/99% relative humidity without visible sag when used with a DONN® Brand suspension system.

APPLICATIONS

- Offices
- Classrooms
- Reception/Lobby areas
- Hotel
- Conference areas
- Retail stores

SUBSTRATE

- Water-felted mineral fiber

HRC High Recycled Content

Fine-textured panel – Perforated Fine-textured panel – Unperforated

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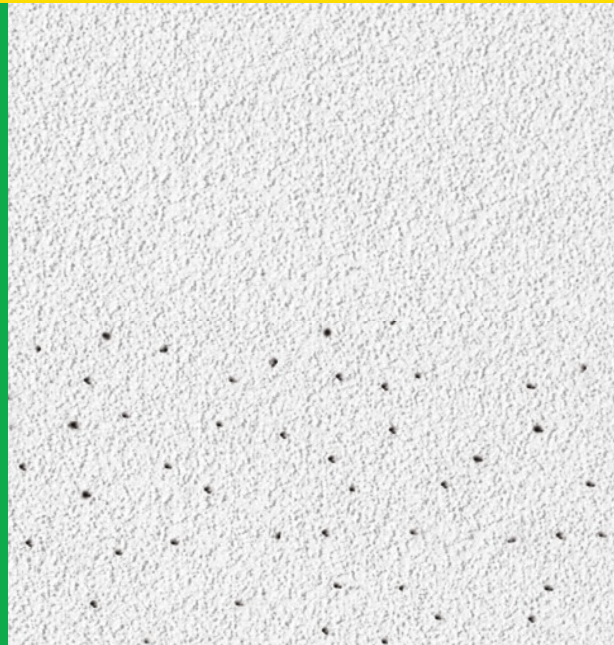
Edge	Panel Size[4]	Class	Item No.	NRC	CAC Min.	LR[2]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content[1]
OLYMPIA MICRO CLIMAPLUS UNPERFORATED											
SQ	2' x 2' x 5/8" 600 x 600 x 16mm	Class A	4911 ME 4911	-	30	.88	White	A, B, C	Low		46%
	2' x 4' x 5/8" 600 x 1200 x 16mm	Class A	4913 ME 4913	-	30	.88	White	A	Low		46%
SLT	2' x 2' x 5/8" 600 x 600 x 16mm	Class A	4910 ME 4910	-	35	.88	White	D	Low		46%
	2' x 4' x 5/8" 600 x 1200 x 16mm	Class A	4920 ME 4920	-	35	.88	White	D	Low		46%
FLB	2' x 2' x 5/8" 600 x 600 x 16mm	Class A	4914 ME 4914	-	35	.88	White	E, F, G, H	Low		46%
	2' x 4' x 5/8" 600 x 1200 x 16mm	Class A	4934 ME 4934	-	35	.88	White	E, F, G, H	Low		46%
OLYMPIA MICRO CLIMAPLUS PERFORATED											
SQ	2' x 2' x 5/8" 600 x 600 x 16mm	Class A	4211 ME 4211	.50	30	.88	White	A, B, C	Low		46%
	2' x 4' x 5/8" 600 x 1200 x 16mm	Class A	4411 ME 4411	.50	30	.88	White	A	Low		46%
SLT	2' x 2' x 5/8" 600 x 600 x 16mm	Class A	4221 ME 4221	.50	33	.88	White	D	Low		46%
	2' x 4' x 5/8" 600 x 1200 x 16mm	Class A	4421 ME 4421	.50	33	.88	White	D	Low		46%
FLB	2' x 2' x 5/8" 600 x 600 x 16mm	Class A	4231 ME 4231	.50	33	.88	White	E, F, G, H	Low		46%
	2' x 4' x 5/8" 600 x 1200 x 16mm	Class A	4431 ME 4431	.50	33	.88	White	E, F, G, H	Low		46%
OLYMPIA MICRO CLIMAPLUS PANELS .60 NRC											
SQ	2' x 2' x 3/4"[3]	Class A	4750	.60	33	.86	White	A, B, C	Low		61% HRC
	2' x 4' x 3/4"[3]	Class A	4751	.60	33	.86	White	A, B	Low		61% HRC
SLT	2' x 2' x 3/4"[3]	Class A	4752	.60	35	.86	White	D	Low		61% HRC
	2' x 4' x 3/4"[3]	Class A	4753	.60	35	.86	White	D	Low		61% HRC
FLB	2' x 2' x 3/4"[3]	Class A	4754	.60	35	.86	White	E, F, G, H	Low		61% HRC
	2' x 4' x 3/4"[3]	Class A	4755	.60	35	.86	White	E, F, G, H	Low		61% HRC

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

HRC High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

≥ .85 LR

A DX® DXI DXII DXIII	B Centricitee™ DXT™	C Omega™ DXM™	D DX® DXI DXII DXIII	E Centricitee™ DXT™	F Fineline® 1/8" DXFF™	G Fineline® 1/8" DXF™	H Omega™ DXM™

GRID PROFILE OPTIONS

PHYSICAL DATA/ FOOTNOTES

ASTM E1264 Classification
Type III, Form 2, Pattern CE

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

Imperial Weight
0.85-0.91 lb./ ft.²
Metric Weight
4.18-4.46 kg/m²

Thermal Resistance
R-1.7

Backloading
Refer to Installation and Maintenance

Maintenance
Can be cleaned easily with a soft brush or vacuum.

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.
2. LR values are shown as averages.
3. Products from USA.
4. Not all panel sizes available in all geographic areas, some metric sizes available to order.

Short Specification:
- Ceiling system shall comprise USG Olympia™ Micro™ CLIMAPLUS™ high humidity / fire resistant acoustical ceiling panels in (DONN Centricitee 15mm [9/16"] / DONN DX 24mm [15/16"] / DONN Omega 14mm [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 NRC 0.50 (perforated)
- Panels shall have CAC 30-35
- Nominal size (600mm x 600mm / 600mm x 1200mm) x 16mm / (2' x 2' / 2' x 4') x 5/8"
- Edge detail shall be (Fineline Beveled [FLB] / Shadowline Tapered [SLT] / Square Edge [SQ]).
- Limiting Conditions - Maximum 49°C (120°F)/99% RH.

USG BORAL

OLYMPUS™ MAX™ CLIMAPLUS™

Olympus Max Panels with ClimaPlus Performance /
DONN DX/DXL Suspension System

Fine-textured panel - Perforated

FEATURES AND BENEFITS

- Nondirectional pattern reduces installation time and waste
- ClimaPlus™ 30-year lifetime system warranty to withstand conditions up to 49°C (120°F)/99% relative humidity without visible sag when used with a DONN® Brand suspension system.
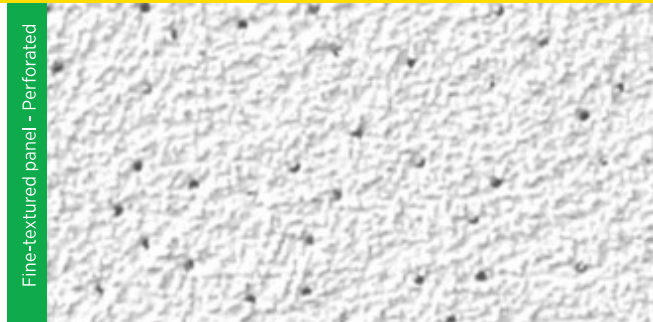
APPLICATIONS

- Offices
- Classrooms
- Reception/Lobby areas
- Hotel
- Conference areas
- Retail stores

SUBSTRATE

- Water-felted mineral fiber

HRC High Recycled Content

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OLYMPUS™ MAX™ CLIMAPLUS

Edge	Panel Size [3]	Class	Item No.	NRC	CAC Min.	LR [2]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content [1]
SQ	2' x 2' x 3/4" 600 x 600 x 19mm	Class A	**40210** ME 40210	.70	33	.88	White	A, B, C	Low		46% HRC
	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	**40410** ME 40410	.70	35	.88	White	A	Low		46% HRC
SLT	2' x 2' x 3/4" 600 x 600 x 19mm	Class A	**40220** ME 40220	.70	33	.88	White	D	Low		46% HRC
	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	**40420** ME 40420	.70	35	.88	White	D	Low		46% HRC
FLB	2' x 2' x 3/4" 600 x 600 x 19mm	Class A	**40230** ME 40230	.70	33	.88	White	E, F, G, H	Low		46% HRC
	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	**40430** ME 40430	.70	35	.88	White	E, F, G, H	Low		46% HRC

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

NRC ≥ .70 NRC

≥ .85 LR

A DX® DXI DXII DXIII	B Centricitee™ DXT™	C Omega™ DXM™	D DX® DXI DXII DXIII	E Omega™ DXM™	F Fineline® 1/8" DXFF™	G Fineline® DXF™	H Centricitee™ DXT™

GRID PROFILE OPTIONS

PHYSICAL DATA/ FOOTNOTES

ASTM E1264 Classification
Type III,Form 2, pattern C, E

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

Imperial Weight
0.83-0.85 lb./ft²
Metric Weight
4.08-4.18 kg/m²

Thermal Resistance
R-1.7

Backloading
For details, see Ceiling Systems Warranties and Limitations (CW2015).

Maintenance
Can be cleaned easily with a soft brush or vacuum.

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.

2. LR values are shown as averages.

3. Not all panel sizes available in all geographic areas, some metric sizes available to order.

Short Specification:
- Ceiling system shall comprise USG Olympus Max ClimaPlus™ high humidity / fire resistant acoustical ceiling panels in (DONN Centricitee 15mm [9/16"] / DONN DX 24mm [15/16"] / DONN Omega 14mm [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 NRC 0.70.
- Panels shall have CAC 33-35.
- Nominal size (600mm x 600mm / 600mm x 1200mm) x 19mm / (2' x 2' / 2' x 4') x 3/4" .
- Edge detail shall be (Fineline Bevel [FLB] / Shadowline Tapered [SLT] / Square Edge [SQ]).
- Limiting Conditions - Maximum 49°C (120°F)/99% RH.

USG BORAL

OLYMPUS™ CLIMAPLUS™ CONCEALED / SEMI-CONCEALED

Olympus Panels with Climaplus Performance / DA Suspension System

FEATURES AND BENEFITS

- Fine-textured acoustic panels, creates a clean and upscale appearance
- High reflectivity, decreases lighting requirement, saves energy, alleviates eye fatigue
- Features a sharp, monolithic look

APPLICATIONS

- Closed/Open type offices
- Retail stores
- Hospitals
- Warehouses
- Schools/Auditoriums
- Restaurants
- Exhibition rooms
- Light industrial buildings

SUBSTRATE

- Water-felted mineral fiber

HRC High Recycled Content

Fine-textured panel – Perforated

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OLYMPUS™ CLIMAPLUS™ CONCEALED / SEMI-CONCEALED

OLYMPUS CLIMAPLUS PANELS

Edge	Panel Size³	Class	Item No.	NRC	CAC Min.	LR²	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content¹
(Long side) S-BESK / (Short side) SQ	300 x 1200 x 15mm⁴	Class A	ME400375	.70	33	.85	White	A	Low		60% HRC
	300 x 1800 x 15mm⁴	Class A	ME400575	.70	33	.85	White	A	Low		60% HRC
	400 x 1800 x 15mm⁴	Class A	ME401075	.70	33	.85	White	A	Low		60% HRC
	300 x 1800 x 19mm⁴	Class A	ME400570	.60	33	.85	White	A	Low		42%
	300 x 2400 x 19mm⁴	Class A	ME400770	.60	33	.85	White	A	Low		42%
	400 x 1800 x 19mm⁴	Class A	ME401070	.60	33	.85	White	A	Low		42%
	400 x 2400 x 19mm⁴	Class A	ME401270	.60	33	.85	White	A	Low		42%
(Long side) BESK / (Short side) SQ	300 x 1200 x 15mm⁴	Class A	ME400365	.70	33	.85	White	A	Low		60% HRC
	300 x 1800 x 15mm⁴	Class A	ME400565	.70	33	.85	White	A	Low		60% HRC
	400 x 1800 x 15mm⁴	Class A	ME401065	.70	33	.85	White	A	Low		60% HRC
	300 x 1800 x 19mm⁴	Class A	ME400560	.60	33	.85	White	A	Low		42%
	300 x 2400 x 19mm⁴	Class A	ME400760	.60	33	.85	White	A	Low		42%
	400 x 1800 x 19mm⁴	Class A	ME401060	.60	33	.85	White	A	Low		42%
	400 x 2400 x 19mm⁴	Class A	ME401260	.60	33	.85	White	A	Low		42%
(Long side) S-BESK / (Short side) BESK	300 x 1200 x 15mm⁴	Class A	ME400385	.70	33	.85	White	A	Low		60% HRC
	300 x 1800 x 15mm⁴	Class A	ME400585	.70	33	.85	White	A	Low		60% HRC
	400 x 1800 x 15mm⁴	Class A	ME401085	.70	33	.85	White	A	Low		60% HRC
	300 x 1800 x 19mm⁴	Class A	ME400580	.60	33	.85	White	A	Low		42%
	300 x 2400 x 19mm⁴	Class A	ME400780	.60	33	.85	White	A	Low		42%
	400 x 1800 x 19mm⁴	Class A	ME401080	.60	33	.85	White	A	Low		42%
	400 x 2400 x 19mm⁴	Class A	ME401280	.60	33	.85	White	A	Low		42%

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 antimircobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew

High Recycled Content
Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

≥ .85 LR

GRID PROFILE OPTIONS

A
DA
DXI
DXII

PHYSICAL DATA/ FOOTNOTES

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

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

Imperial Weight
0.94-1.16 lb./ft.²
Metric Weight
4.6-5.7 kg/m²

Thermal Resistance
R-1.7

Backloading
Refer to Installation and Maintenance

Maintenance
Can be cleaned easily with a soft brush or vacuum.

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.
2. LR values are shown as averages.
3. Not all panel size available in all geographic areas, some metric sizes available to order.
4. Imperial equivalent size available.

Short Specification:
* Ceiling system shall comprise USG Olympus™ ClimaPlus™ Concealed / Semi-Concealed high humidity / fire resistant acoustical ceiling panels in DA, DXI and DXII
* Panels shall have NRC 0.55 / 0.60.
* Panels shall have CAC 33.
* Nominal size (15mm x 300mm x 1200mm / 1800mm, 15mm x 400mm x 1800mm, 19mm x 300mm x 1800mm / 2400mm, 19mm x 400mm x 1800mm / 2400mm). Imperial equivalent size available
* Edge detail shall be Shiplap-Bevel Edge Standard Kerf & Square (S-BESK & SQ) / Bevel Edge Standard Kerf & Square (BESK & SQ) / Shiplap-Bevel Edge Standard Kerf & Bevel Edge Standard Kerf (S-BESK & BESK).
* Limiting Conditions - Maximum 49°C (120°F)/99% RH.

USG BORAL

PIN PERF™ CLIMAPLUS™

Pin Perf Panels with ClimaPlus Performance/ DONN DX/DXL Suspension System

Perforated-textured panel

FEATURES AND BENEFITS

- Random, fine and coarse perforations
- ClimaPlus™ 30-year lifetime system warranty to withstand conditions up to 49°C (120°F)/99% relative humidity without visible sag when used with a DONN® Brand suspension system.
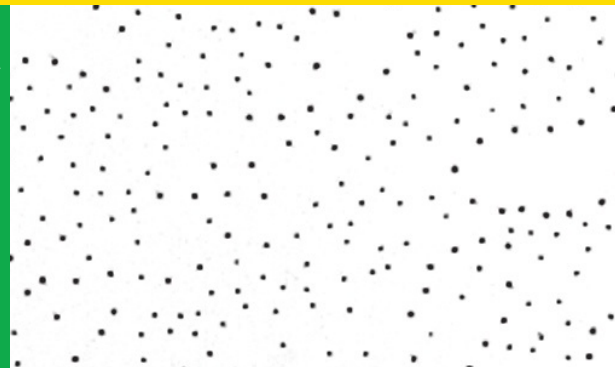
APPLICATIONS

- Department Stores
- Offices
- Corridors
- Retail store

SUBSTRATE

- Water-felted mineral fiber

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PIN PERF CLIMAPLUS PANELS

Edge	Panel Size [3]	Class	Item No.	NRC	CAC Min.	LR [2]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content [1]
SQ	2 x 2 x 5/8" 600 x 600 x 16mm	Class A	10215 ME 10215	.60	33	.88	White	A, B, C	Low	✓	45%
	2 x 4 x 5/8" 600 x 1200 x 16mm	Class A	10415 ME 10415	.60	35	.88	White	A	Low	✓	45%
SLT	2 x 2 x 5/8" 600 x 600 x 16mm	Class A	10225 ME 10225	.60	33	.88	White	D	Low	✓	45%
	2 x 4 x 5/8" 600 x 1200 x 16mm	Class A	10425 ME 10425	.60	35	.88	White	D	Low	✓	45%
FLB	2 x 2 x 5/8" 600 x 600 x 16mm	Class A	10235 ME 10235	.60	33	.88	White	E, F, G, H	Low	✓	45%
	2 x 4 x 5/8" 600 x 1200 x 16mm	Class A	10435 ME 10435	.60	35	.88	White	E, F, G, H	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

≥ .85 LR

GRID PROFILE OPTIONS

A DX® DXI DXII DXIII	B Centricitee™ DXT™	C Omega™ DXM™	D DX® DXI DXII DXIII	E Centricitee™ DXT™	F Fineline® 1/8" DXFF™	G Fineline® 1/8" DXF™	H Omega™ DXM™

PHYSICAL DATA/ FOOTNOTES

ASTM E1264 Classification
Type III,Form 2, pattern C, E

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

Imperial Weight
0.83-0.85 lb./ft²
Metric Weight
4.08-4.18 kg/m²

Thermal Resistance
R-1.7

Backloading
Refer to Installation and Maintenance

Maintenance
Can be cleaned easily with a soft brush or vacuum.

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

Short Specification:
• Ceiling system shall comprise USG Pin Perf ClimaPlus™ high humidity / fire resistant acoustical ceiling panels in (DONN Centricitee 15mm [9/16"] / DONN DX 24mm [15/16"] / DONN Omega 14mm [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 NRC 0.55.
• Panels shall have CAC 33-35.
• Nominal size (600mm x 600mm / 600mm x 1200mm) x 16mm / (2' x 2' / 2' x 4') x 5/8" .
• Edge detail shall be (Fineline Bevel [FLB] / Shadowline Tapered [SLT] / Square Edge [SQ]).
• Limiting Conditions - Maximum 49°C (120°F)/99% RH.

USG BORAL

PIN PERF™ CLIMAPLUS™
CONCEALED / SEMI-CONCEALED

FEATURES AND BENEFITS

- Soft and delicate visual effect
- Non-directional pattern offers fast, efficient installation
- High mineral wool content ensures superior strength, high machinability and precision
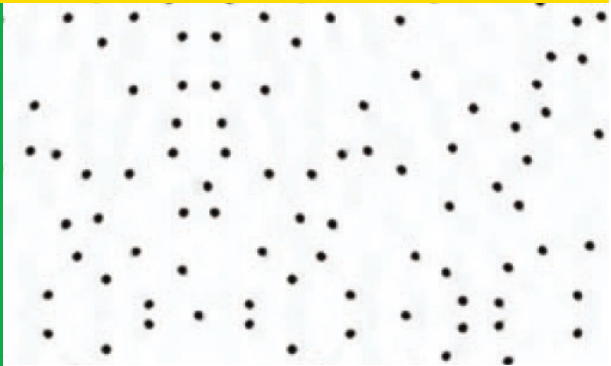
APPLICATIONS

- Closed/Open type offices
- Retail stores
- Hospitals
- Warehouses
- Schools/Auditoriums
- Restaurants
- Exhibition rooms
- Light industrial buildings

SUBSTRATE

- Water-felted mineral fiber

HRC High Recycled Content

Perforated-textured panel

USG BORAL
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	Edge	Panel Size[3]	Class	Item No.	NRC	CAC Min.	LR[2]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content[1]
PIN PERF CLIMAPLUS PANELS	(Long side) S-BESK	300 x 1200 x 15mm[4]	Class A	ME100375	.55	33	.87	White	A	Low		67% HRC
		300 x 1800 x 15mm[4]	Class A	ME100575	.55	33	.87	White	A	Low		67% HRC
	(Short side) SQ	400 x 1800 x 15mm[4]	Class A	ME101075	.55	33	.87	White	A	Low		67% HRC
		300 x 1800 x 18mm[4]	Class A	ME100578	.60	33	.87	White	A	Low		48%
		300 x 2400 x 18mm[4]	Class A	ME100778	.60	33	.87	White	A	Low		48%
		400 x 1800 x 18mm[4]	Class A	ME101078	.60	33	.87	White	A	Low		48%
		400 x 2400 x 18mm[4]	Class A	ME101278	.60	33	.87	White	A	Low		48%
	(Long side) BESK	300 x 1200 x 15mm[4]	Class A	ME100365	.55	33	.87	White	A	Low		67% HRC
		300 x 1800 x 15mm[4]	Class A	ME100565	.55	33	.87	White	A	Low		67% HRC
	(Short side) SQ	400 x 1800 x 15mm[4]	Class A	ME101065	.55	33	.87	White	A	Low		67% HRC
		300 x 1800 x 18mm[4]	Class A	ME100568	.60	33	.87	White	A	Low		48%
		300 x 2400 x 18mm[4]	Class A	ME100768	.60	33	.87	White	A	Low		48%
		400 x 1800 x 18mm[4]	Class A	ME101068	.60	33	.87	White	A	Low		48%
		400 x 2400 x 18mm[4]	Class A	ME101268	.60	33	.87	White	A	Low		48%
	(Long side) S-BESK	300 x 1200 x 15mm[4]	Class A	ME100385	.55	33	.87	White	A	Low		67% HRC
		300 x 1800 x 15mm[4]	Class A	ME100585	.55	33	.87	White	A	Low		67% HRC
	(Short side) BESK	400 x 1800 x 15mm[4]	Class A	ME101085	.55	33	.87	White	A	Low		67% HRC
		300 x 1800 x 18mm[4]	Class A	ME100588	.60	33	.87	White	A	Low		48%
		300 x 2400 x 18mm[4]	Class A	ME100788	.60	33	.87	White	A	Low		48%
		400 x 1800 x 18mm[4]	Class A	ME101088	.60	33	.87	White	A	Low		48%
		400 x 2400 x 18mm[4]	Class A	ME101288	.60	33	.87	White	A	Low		48%

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 addictive on the face and back of the panel that provides resistance against growth of mold and mildew

HRC High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

◼ ≥ .85 LR

GRID PROFILE OPTIONS

A
DA
DXI
DXII

PHYSICAL DATA/ FOOTNOTES

ASTM E1264 Classification
Type III, Form 2, Pattern C,G

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

Imperial Weight
0.94-1.16 lb./ft.[2]
Metric Weight
4.6-5.7 kg/m^{2}

Thermal Resistance
R-1.7

Backloading
Refer to Installation and Maintenance

Maintenance
Can be cleaned easily with a soft brush or vacuum.

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.

2. LR values are shown as averages.

3. Not all panel size available in all geographic areas, some metric sizes available to order.

4. Imperial equivalent size available

Short Specification:
- Ceiling system shall comprise USG Pin Perf™ ClimaPlus™ Concealed / Semi-Concealed high humidity / fire resistant acoustical ceiling panels in DA.
- Panels shall have NRC 0.55 / 0.60.
- Panels shall have CAC 33.
- Nominal size (15mm x 300mm x 1200mm /1800mm, 15mm x 400mm x 1800mm, 18mm x 300mm x 1800mm/2400mm, 18mm x 400mm x 1800mm/2400mm). Imperial equivalent size available.
- Edge detail shall be Shiplap-Bevel Edge Standard Kerf & Square (S-BESK & SQ) / Bevel Edge Standard Kerf & Square (BESK & SQ) / Shiplap-Bevel Edge Standard Kerf & Bevel Edge Standard Kerf (S-BESK & BESK).
- Limiting Conditions - Maximum 49°C (120°F)/99% RH.

USG BORAL

PIN PERF™ CLIMAPLUS™ HIGH-NRC

Pin Perf High-NRC Panels with ClimaPlus Performance/
DONN DX/DXL Suspension System

FEATURES AND BENEFITS

- Random, fine and coarse perforations
- ClimaPlus™ 30-year lifetime system warranty to withstand conditions up to 49°C (120°F)/99% relative humidity without visible sag when used with a DONN® Brand suspension system.
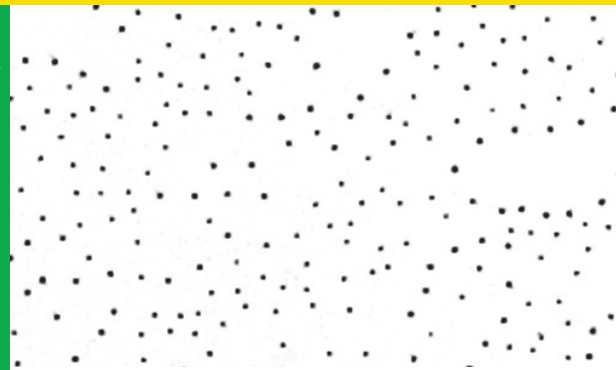
APPLICATIONS

- Department Stores
- Offices
- Corridors
- Retail store

SUBSTRATE

- Water-felted mineral fiber

HRC High Recycled Content

Perforated-textured panel

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PIN PERF™ CLIMAPLUS™ HIGH-NRC

USGBORAL.COM

PIN PERF CLIMAPLUS PANELS

Edge	Panel Size[3]	Class	Item No.	NRC	CAC Min.	LR[2]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content[1]
SQ	2' x 2' x 3/4" 600 x 600 x 19mm	Class A	10210 ME 10210	.70	33	.88	White	A, B, C	Low		57%
	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	10410 ME 10410	.70	35	.88	White	A	Low		57%
SLT	2' x 2' x 3/4" 600 x 600 x 19mm	Class A	10220 ME 10220	.70	33	.88	White	D	Low		57%
	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	10420 ME 10420	.70	35	.88	White	D	Low		57%
FLB	2' x 2' x 3/4" 600 x 600 x 19mm	Class A	10230 ME 10230	.70	33	.88	White	E, F, G, H	Low		57%
	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	10430 ME 10430	.70	35	.88	White	E, F, G, H	Low		57%

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

High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

≥ .70 NRC

≥ .85 LR

GRID PROFILE OPTIONS

A DX® DXI DXII DXIII	B Centricitee™ DXT™	C Omega™ DXM™	D DX® DXI DXII DXIII	E Centricitee™ DXT™	F Fineline® 1/8" DXFF™	G Fineline® 1/8" DXF™	H Omega™ DXM™

PHYSICAL DATA/ FOOTNOTES

ASTM E1264 Classification
Type III, Form 2, pattern C, E

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

Imperial Weight
1.16-1.30 lb./ ft²
Metric Weight
5.70-6.10 kg/m²

Thermal Resistance
R-1.7

Backloading
Refer to Installation and Maintenance

Maintenance
Can be cleaned easily with a soft brush or vacuum.

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.

2. LR values are shown as averages.

3. Not all panel sizes available in all geographic areas, some metric sizes available to order.

Short Specification:
- Ceiling system shall comprise USG Pin Perf ClimaPlus™ High-NRC high humidity / fire resistant acoustical ceiling panels in (DONN Centricitee 15mm [9/16"] / DONN DX 24mm [15/16"] / DONN Omega 14mm [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 NRC 0.70.
- Panels shall have CAC 33-35.
- Nominal size (600mm x 600mm / 600mm x 1200mm) x 19mm / (2' x 2' / 2' x 4') x 3/4" .
- Edge detail shall be (Fineline Bevel [FLB] / Shadowline Tapered [SLT] / Square Edge [SQ]).
- Limiting Conditions - Maximum 49°C (120°F)/99% RH.

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

USG BORAL

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SANDRIFT™ CLIMAPLUS™

Sandrift Panels with ClimaPlus Performance / DONN DX/DXL Suspension System

Fine-textured panel

FEATURES AND BENEFITS

- Uniquely textured cast product with durable surface that resists scrapes commonly caused by accessing the ceiling panels.
- Integral color masks nicks and scratches.
- Optional Firecode® formulation designed to meet life safety codes
- ClimaPlus™ 30-year lifetime system warranty to withstand conditions up to 49°C (120°F)/99% relative humidity without visible sag when used with a USG DONN® Brand suspension system.

APPLICATIONS

- Conference and lobby areas
- Department stores
- Entertainment and gaming
- Executive offices
- Restaurants

SUBSTRATE

- Cast mineral fiber

HRC High Recycled Content

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Edge	Panel Size[3]	Class	Item No.	NRC	CAC Min.	LR[2]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Abuse Resistance	Recycled Content[1]
SANDRIFT CLIMAPLUS PANELS SL	2' x 2' x 3/4" 600 x 600 x 19mm Paper-Back	Class A	**808** ME808	.70	38	.83	White	A	Zero			70%
FL	2' x 2' x 3/4" 600 x 600 x 19mm Paper-Back	Class A	**809** ME809	.70	38	.83	White	B, C, D, E, F	Zero			70%

LEGEND

◁ Low Emission (VOC Class)

Zero-Emitting performance exceeds CA Specification 01350 (CA Dept. of Health Services Standard Practice for the testing of VOC emissions) and is listed on CHPS data base.

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.

HRC High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

NRC ≥ .70 NRC

CAC ≥ .38 CAC

GRID PROFILE OPTIONS

A DX® DXI DXII DXIII	**B** Centricitee™ DXT™	**C** Omega™ DXM™	**D** Fineline® 1/8 DXFF™	**E** Fineline® DXF™	**F** IDENTITEE™ DXI™

PHYSICAL DATA/ FOOTNOTES

ASTM E1264 Classification
Type III,Form 4, Pattern Z

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

Imperial Weight
1.65-1.70 lb./ ft.[2]
Metric Weight
8.05-8.29 kg/m^{2}

Thermal Resistance
R-1.7

Backloading
Refer to Installation and Maintenance

Maintenance
Can be cleaned easily with a soft brush or vacuum.

Texture
The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing texture of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.

2. LR values are shown as averages.

3. To highlight the unique texture of Sandrift ClimaPlus panels, choose light colors. See Colors selector for more information.

4. Not all panel sizes available in all geographic areas, some metric sizes available to order.

Short Specification:
• Ceiling system shall comprise USG Sandrift™ 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 NRC 0.70.
• Panels shall have CAC 38.
• Nominal size (600mm x 600mm) x 19mm / (2' x 2') x 3/4".
• Edge detail shall be (Fineline [FL] / Shadowline [SL]).
• Limiting Conditions - Maximum 49°C (120°F)/99% RH.