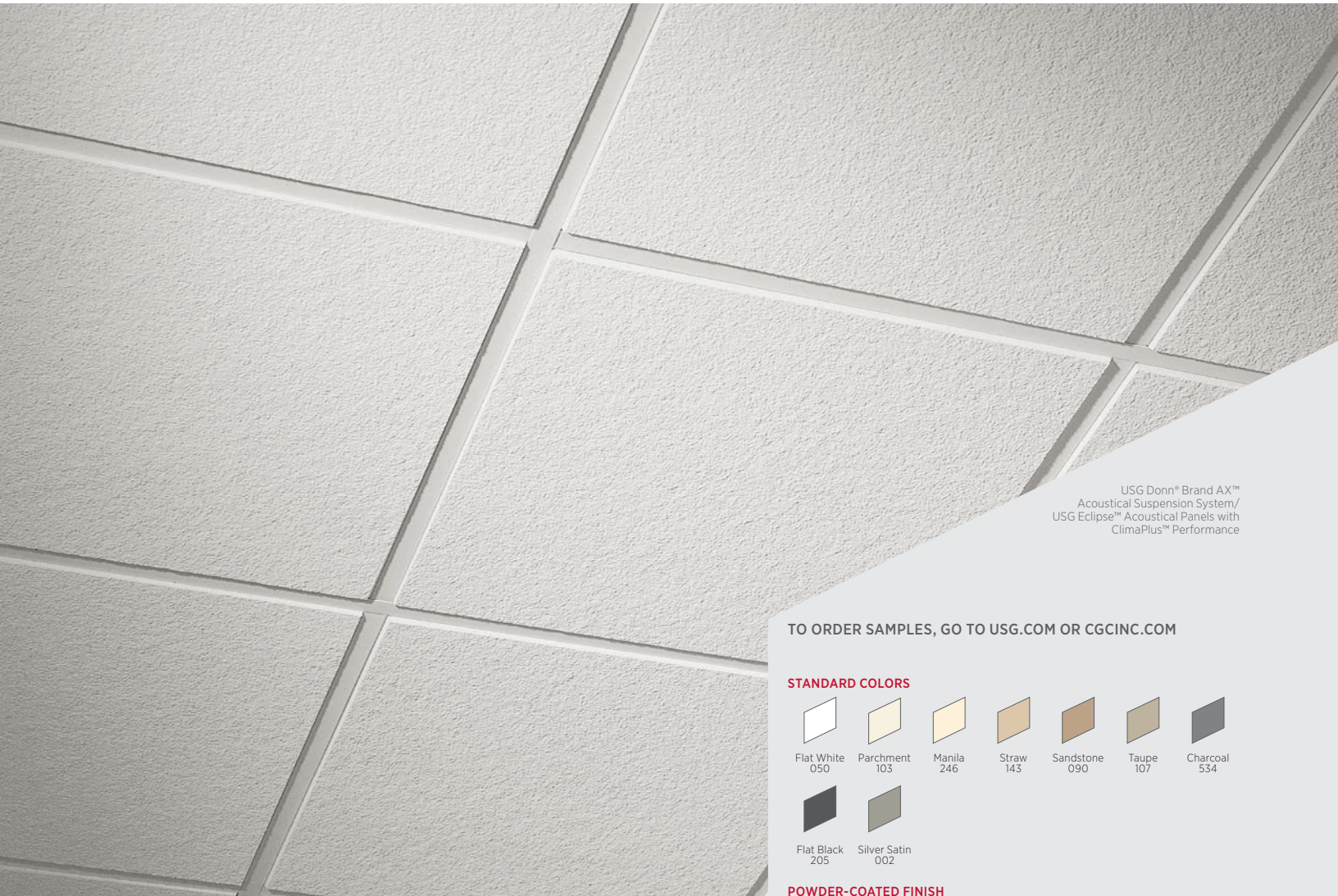


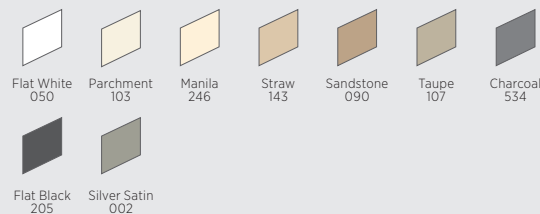
# USG DONN® BRAND AX™/AXCE™ ACOUSTICAL SUSPENSION SYSTEM



USG Donn® Brand AX™  
Acoustical Suspension System/  
USG Eclipse™ Acoustical Panels with  
ClimaPlus™ Performance

TO ORDER SAMPLES, GO TO [USG.COM](http://USG.COM) OR [CGCINC.COM](http://CGCINC.COM)

#### STANDARD COLORS



#### POWDER-COATED FINISH



Powder  
White  
3767

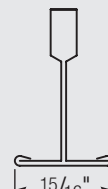
#### FEATURES AND BENEFITS

- Cleanability exceeds *FGI guidelines for healthcare facilities*.
- Noncorrosive aluminum 15/16" exposed grid system with stainless steel clip, ideal for high-humidity or wet-cleaned areas.
- Capable of withstanding cleaning and/or disinfecting chemicals as tested in accordance with ASTM D5402.
- Tested in accordance with ASTM C635.
- Aluminum components can be used in nonmagnetic environments and meet USDA/FSIS requirements.
- Cross-tee override-ends resist twisting and give a professionally finished look.
- Proprietary stainless steel Quick-Release™ clip.
- Factory applied, white closed cell foam gasket.
- ICC-ES approved for seismic installations (ESR-1222).

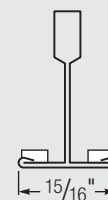
#### APPLICATIONS

- Healthcare Facilities, Restricted And Semirestricted Areas
- MRI Rooms
- Magnetic-free Zones
- High-humidity Areas
- Food Processing Areas
- AXCE Certified to Meet ISO 14644-1 Class 5-8 (Fed. Standard 209E Class 100-100,000)

#### PROFILE

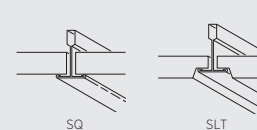


AX™



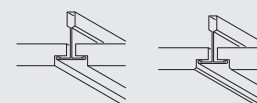
AXCE™

#### EDGE DETAIL



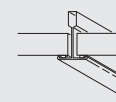
SQ

SLT



SL

SLB



SQ w/ Gasket

# USG DONN® BRAND AX™/AXCE™ ACOUSTICAL SUSPENSION SYSTEM

ORDER SAMPLES/LITERATURE  
USG: usg.com or samplitt@usg.com  
CGC: contact Sales Representative

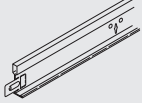
TECHNICAL SERVICES  
800.USG.4YOU (874-4968)

FOR MOST UP-TO-DATE  
TECHNICAL INFORMATION  
AND LEED REPORT TOOL  
usgdesignstudio.com  
cgcdesignstudio.com  
usg.ecomedes.com

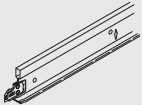
30 YEAR LIMITED SYSTEM WARRANTY  
• No Visible Sag  
• Mold/Mildew Protection

## USG DONN® BRAND AX™ 15/16" TEE SYSTEM<sup>5</sup>

Main Tee

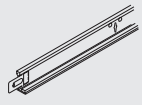


Cross Tee

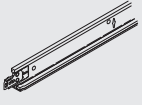


## USG DONN® BRAND AXCE™ 15/16" TEE SYSTEM<sup>5,6</sup>

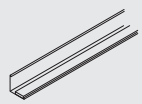
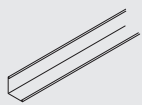
Main Tee



Cross Tee



## MOLDING<sup>3,4</sup>



ASTM Class	Length	Height	Item No.	Fire Rating	Color	Seismic Design Category <sup>1,7,8</sup>		Rated Load <sup>2</sup>			
						IBC	ICC-ES Approved Installation	2' Hanger Spacing	30" Hanger Spacing	3' Hanger Spacing	4' Hanger Spacing
Light Duty	12'	1-1/2" 38 mm	AX26		Flat White		7/8" Molding ALACM7 Clip	35 lb./LF	18.7 lb./LF	11.2 lb./LF	5 lb./LF
	2'	1-1/2" 38 mm	AX224	Class A	Flat White						
	4'	1-1/2" 38 mm	AX424	Class A	Flat White						
Light Duty	12'	1-1/2" 38 mm	AXCE26	Class A	Flat White	A-F	7/8" Molding ALACM7 Clip	35 lb./LF	18.7 lb./LF	11.2 lb./LF	5 lb./LF
	2'	1-1/2" 38 mm	AXCE224	Class A	Flat White						
	4'	1-1/2" 38 mm	AXCE424	Class A	Flat White						

Wall Angle	Length	Item No.	Color	Perimeter Channel	Length	Item No.	Color
	12'	M7A	Flat White		10'	UA25	Flat White
	12'	M7ACE	Flat White		10'	UA25CE	Flat White

**Low Emissions (VOC)**  
CDPH 01350 v1.2-2017 compliance on select finishes, see usg.ecomedes.com for more details and documentation.

## PHYSICAL DATA/ FOOTNOTES

### Product literature and samples

Data sheet: AC3041  
Technical Guide: AC329917  
USG Donn® Brand AX™ sample: 272638  
USG Donn® Brand AXCE™ sample: 216857

### Product information

See usg.com for the most up-to-date product information.

### Material

Double-web aluminum tee with aluminum cap and stainless steel Quick-Release™ clip. Baked-on polyester paint.

### Installation

Install according to ASTM C636, ASTM E580, CISCA and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.

### ICC Evaluation Report for Code Compliance

See ICC-ES Evaluation Report ESR-1222 for allowable values and conditions of use in seismic design categories A through F. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

### ASTM Load Compliance

Classified as Light, Intermediate or Heavy Duty per ASTM C635 when tested and evaluated in accordance with ASTM E3090 and AC368.

### Online tools

usgdesignstudio.com, cgcdesignstudio.com or usg.ecomedes.com

### Limitations

Non-fire-rated applications only. Finish is not UV-resistant; should not be installed where direct exposure to sun or weather will occur, such as fascias or facades. Indirect exposure to severe environmental conditions may shorten the lifespan of the product. The gasket face applied to USG Donn® Brand AXCE™ contains a protective strip that must be removed prior to panel installation. The standard gasket is not recommended for installations with metal panels. If metal panels are desired, a special gasket suitable for metal panels may be applied to the USG Donn® Brand DXACE™ suspension system through special order.

### Clean Room Installation

Must be installed in compliance with ASTM C636, ASTM E580, CISCA and standard industry practices, within all applicable code requirements. Class 5-8 (Fed. Standard 209E Class 100-100,000) installations require hold-down clips and US28CE molding. Install a L15 hold-down clip within 3 in. of each panel corner. For a 2' x 4' system install an additional L15 hold-down clip centered on the 4' side. Border panels shall have a C-8 hold-down clip within 3 in. of each panel corner. For a 2' x 4' system install an additional C-8 hold-down clip centered on the 4' side. Alternative assemblies and installation methods may be utilized.

### Seismic and heavy duty applications

See SC2499.

### Notes

- All USG main tees, cross tees and main tee-hanger wire connections meet AC 368 and ASTM E580 requirements for tension and compression strength, as tested per ASTM E3090.
- Rated Load expressed in lb./LF based on simple span tests in accordance with ASTM E3090 with deflection limit of L/360. Duty rating is assigned based on rated load per ASTM C635.
- Perimeter panels must be trimmed so that the edge extends completely over the gasket.
- UA25CE molding and L15 and C8 hold-down clips are required for ISO Class 5 Clean Room applications.
- Metric sizes available by RTQ.
- AXCE™ is not available in powder coated options, only available in Standard and Advantage options.
- For seismic installation requirements refer to ESR-1222
- Seismically tested in accordance with ASTM E3118.

### Notice

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### AC3041/rev. 8-24

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550 West Adams Street  
Chicago, IL 60661

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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.

