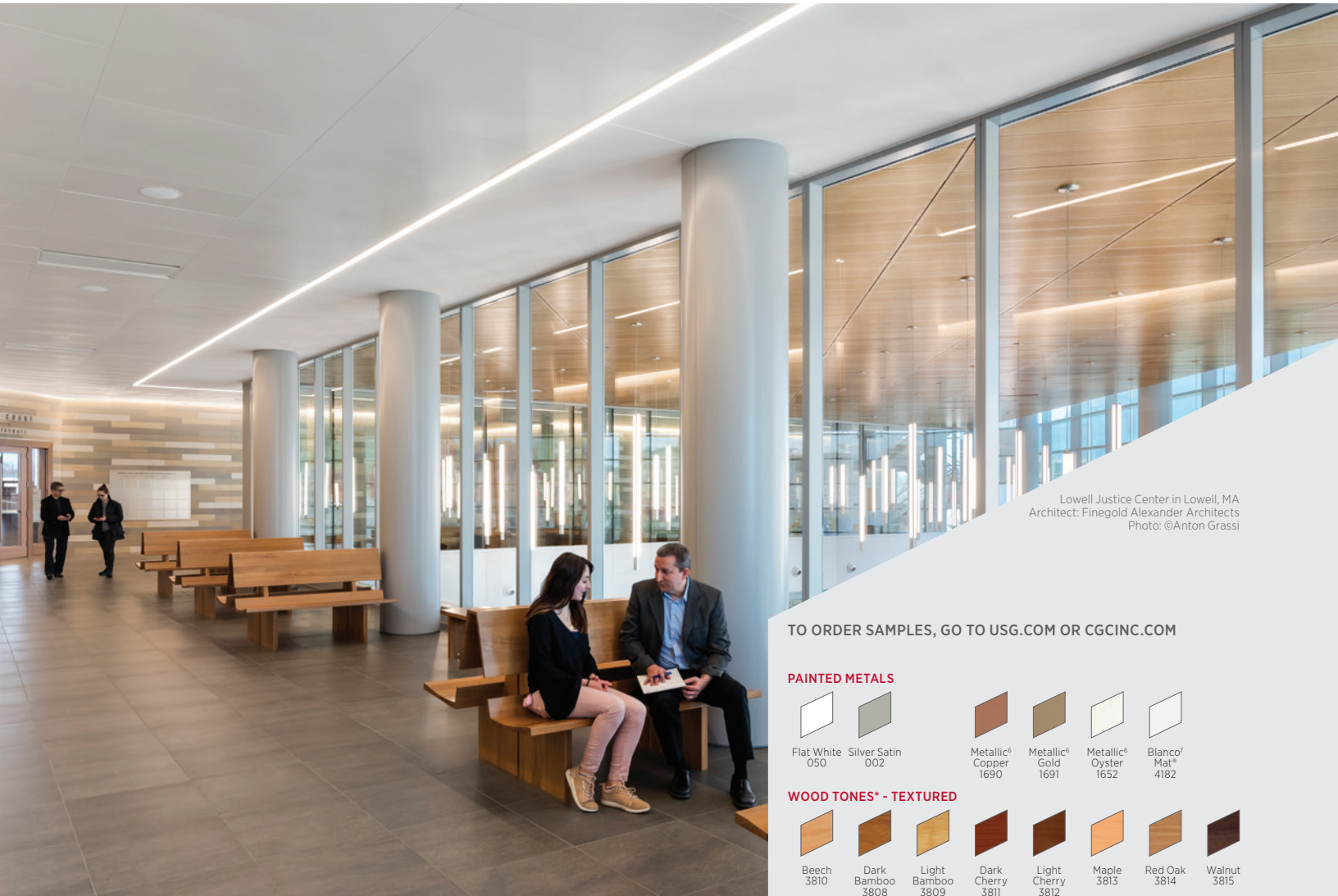


USG CELEBRATION™ TORSION SPRING SYSTEM



Lowell Justice Center in Lowell, MA
Architect: Finegold Alexander Architects
Photo: ©Anton Grassi

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

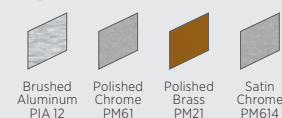
PAINTED METALS



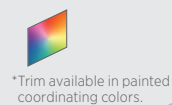
WOOD TONES* - TEXTURED



ANODIZED METALS



CUSTOM COLORS AVAILABLE



FEATURES AND BENEFITS

- Aluminum panels provide a monolithic appearance.
- Full 90-degree swing-down motion provides easy downward access to plenum areas.
- Spring clip design provides superior panel alignment.
- No reveal.
- Wind load tested and approved, including Miami-Dade NOA, for exterior applications with proper bracing and framing.

APPLICATIONS

- Interior and Exterior Applications
- Pods, Islands, and Clouds
- Wall to Wall ceilings
- Low Sloped Ceilings
- New Construction
- Downward Accessible
- Concealed Grid

USG CELEBRATION™ TORSION SPRING 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



PRODUCT INFORMATION

Materials	Finishes	Standard Sizes	Plenum Depth	Weight
Aluminum panels; painted	Panels available with perforation. Custom perforation sizes and patterns are available upon inquiry. A special acoustical backing is available for all perforated panels.	2'x2', 2'x4', 2'x6', 2'x8', 4'x4'	6" minimum to accommodate suspension system and torsion spring	Approximately 0.63 lb./sq. ft.
Anodized ⁵		2'x2'		

ACCESS

Any uncut USG Celebration™ Torsion Spring panel has downward accessibility and can be lowered and disengaged lengthwise for access to the space above while the engaged side continues to hold the panel in place to the grid system at a 90° angle. A special panel removal hand tool (part number 209216) available through USG is also recommended for use when lowering panels.

SUSPENSION SYSTEMS

	Component	ASTM Class	Length	Height	Item No.
Main Tees	15/16" Main Tee ¹	Intermediate Duty	12' (3600 mm)	USG: 1.64" (42 mm) CGC: 1.5" (38 mm)	DX/DXL24
	15/16" Main Tee ¹	Heavy Duty	12' (3600 mm)	USG: 1.64" (42 mm) CGC: 1.5" (38 mm)	DX/DXL26
Cross Tees	15/16" Cross Tee ¹	—	2' (600 mm)	1-1/2" (38 mm)	TSCT22
	15/16" Cross Tee ¹	—	4' (1200 mm)	1-1/2" (38 mm)	TSCT44
	15/16" Cross Tee ¹	—	6' (1800 mm)	1-1/2" (38 mm)	TSCT66
Wall Moldings	7/8" Wall Angle ¹	—	12' (3600 mm)	7/8" (22 mm)	M7
	2" Wall Angle ^{1,2}	—	10' (3000 mm)	1" (25 mm)	M20
	2-1/2" F-Molding ³	—	10' (3000 mm)	2-1/2" (64 mm)	CTS15AL
Molding Accessories	Panel Hold-Down Clip ⁴	—	10" (254 mm)	1-9/16" (40 mm)	T15
Perimeter Trims	6" USG Compásso™ Std. Trim	—	—	6" (152 mm)	CP610
	8" USG Compásso™ Std. Trim	—	—	8" (203 mm)	CP810
Perimeter Trim Clips	6" USG Compásso™ Std. Clip	—	—	—	TSCLP615CP
	8" USG Compásso™ Std. Clip	—	—	—	TSCLP815CP
	Perimeter main tee attachment clip for partial module trim applications	—	—	—	CTS-CMSC

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

High Recycled Content
 USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

FOR MORE INFORMATION

Product literature

Data sheet: IC622
 System guide: IC638
 Installation guide: IC637
 Perforations selection guide: IC425
 Warranty: SC2102
 Exterior Ceiling systems Guide: SC2561
 Cleaning Instructions: IC518

Online tools

usgdesignstudio.com or cgcdesignstudio.com

Acoustics

The NRC rating of 0.60 is for standard CD06305NB (A062) perforation pattern with Acoustibond™ backer.

Code approval

See ICC-ES ESR 1222.

ASTM E84 and CAN/ULC S102 surface-burning characteristics (with Acoustibond™ backer)

Class A
 Flame spread: 25 or less
 Smoke developed: 50 or less

ASTM E84 and CAN/ULC S102 surface-burning characteristics (with light diffusing backer)

Class A
 Flame spread: 25 or less
 Smoke developed: 50 or less

Recycled content

USG Celebration™ Torsion Spring aluminum panels: up to 90% recycled content.

Limitation

Some commercially acceptable color variation may occur between lots and between different size products of the same color. For more information about metal ceiling finishes, refer to *Metal Ceilings Technical Guidelines* published by the Ceilings & Interior Systems Construction.

Notes

- Min. G30 hot-dipped galvanized. Install according to ASTM C636, ASTM E580, CISCA and USG requirements.
- For seismic applications, the main-tee and cross-tee connections meet IBC requirements for tension and compression strength.
- Produced from aluminum.
- When hold-down clips are required at the perimeter, the CTS15AL F-Mold can accommodate the USG T-15 Hold-Down Clip. Refer to IC638 for details.
- Other sizes available, contact your sales representative.
- Celebration Torsion Spring panels available in Metallics up to 2' wide and up to 4' long.
- Celebration Torsion Spring available in Blanco Mat 4182 up to 2' wide and up to 6' long.

Notice

The information in this document is subject to change without notice. CGC Inc. or USG Corp. assumes no responsibility for any errors that may inadvertently appear in this document.

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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.

