

# DONN<sup>®</sup> HRC Suspension Systems - High Recycled Content



DX<sup>®</sup>/DXL<sup>™</sup>

Centricitee<sup>™</sup> DXT

Fineline<sup>®</sup> DXF



## LEED Credits

Recycled Content: up to 64.9%

MR				EQ		
Waste Reduction	Recycled Content	Regional Materials <sup>1</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
●	●	●				



White

### Features and Benefits

- 15/16" exposed tee system. Components for use in general and fire-rated applications.
- Maximum economy and design simplicity.
- DXL system featured in many UL designs (up to 3 hours).
- Cross-tee override ends resist twisting and give a professionally finished look.
- Meets or exceeds all national code requirements, including seismic.
- Patented QUICK-RELEASE<sup>™</sup> cross tees.
- Custom colour available.

### Features and Benefits

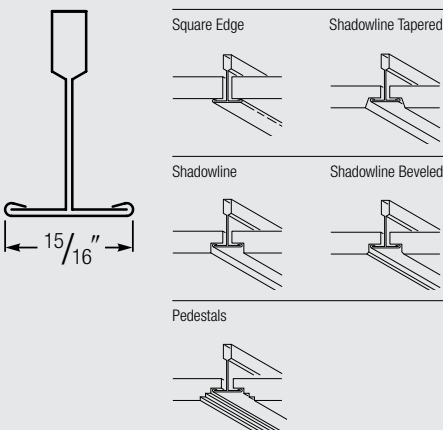
- 9/16" exposed grid offers clean aesthetic.
- Patented panel-centering device allows use of standard square edge panels.
- Cross-tees override ends resist twisting and ensure a finished look.
- Meets or exceeds all national code requirements, including seismic. Design flexibility helps meet life safety codes.
- Patented QUICK-RELEASE<sup>™</sup> cross tees.
- Optional integrated air diffuser.
- Custom colour available.

### Features and Benefits

- Narrow-profile, slotted grid system with 1/4" reveal provides streamlined appearance.
- Reveal accommodates partition attachments and pendant-mounted light fixtures.
- Mitered intersections offer a clean, tailored appearance.
- Meets or exceeds all national code requirements, including seismic.
- Optional integrated air diffuser.
- Accepts metal ceiling panels for ceiling-area accents without changing grid system.
- Custom colour available.

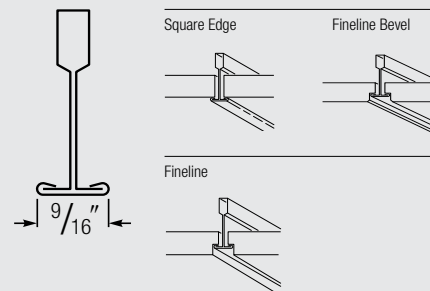
### Profile

### Edge Detail



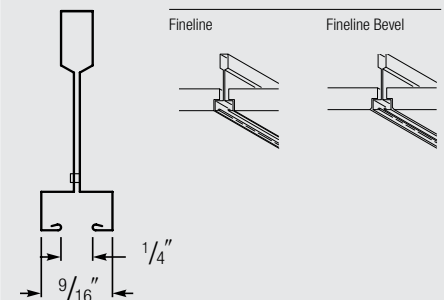
### Profile

### Edge Detail



### Profile

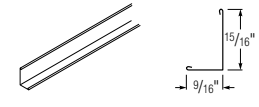
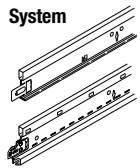
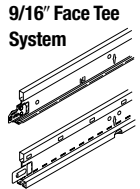
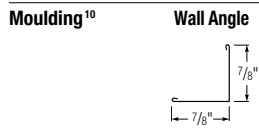
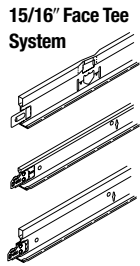
### Edge Detail



Web Sites:  
[www.cgcinc.com](http://www.cgcinc.com)  
[www.usgdesignstudio.com](http://www.usgdesignstudio.com)  
[www.sustainableceilings.com](http://www.sustainableceilings.com)  
[www.seismicceilings.com](http://www.seismicceilings.com)

Customer Service  
 Ontario/Atlantic Canada 800-387-2690  
 Quebec/Eastern Ontario 800-361-1310  
 Western Canada 800-242-4418

System meets or exceeds load compliance specifications per ASTM C635



	ASTM Class	Length	Height	Item No.	Class <sup>4</sup>	Colour	Post Consumer RC	Total RC	Seismic Zones <sup>2</sup>		Seismic Solutions		Rated Load <sup>3</sup>		
									IBC	IBC	Categories D, E, F Alternate Method	4' Hanger Spacing	5' Hanger Spacing	6' Hanger Spacing <sup>6</sup>	
<b>15/16" Face Tee System</b>	<b>Main Tee</b>	Intermediate Duty	12'	1-1/2"	DX/DXL24 HRC <sup>7,8</sup>		Flat White	56.5%	64.9%	0-4	A-F	7/8" Moulding ACM7 Clip	12 lbs./LF	6.1 lbs./LF	3.6 lbs./LF
	<b>Cross Tee</b>		2'	1"	DX/DXL216 HRC <sup>8</sup>		Flat White	56.5%	64.9%	0-4	A-F	7/8" Moulding ACM7 Clip			
	<b>Cross Tee</b>		4'	1-1/2"	DX/DXL424 HRC <sup>8</sup>		Flat White	56.5%	64.9%	0-4	A-F	7/8" Moulding ACM7 Clip			
					DX422 HRC <sup>8</sup>	Class A	Flat White	56.5%	64.9%	0-4	A-F	7/8" Moulding ACM7 Clip			
				1"	DX416 HRC	Class A	Flat White	56.5%	64.9%	0-4	A-F	7/8" Moulding ACM7 Clip			
<b>Moulding<sup>10</sup></b>	<b>Wall Angle</b>		12'/10'		M7 HRC <sup>8</sup>		Flat White	53%	61%						
<b>9/16" Face Tee System</b>	<b>Main Tee</b>	Intermediate Duty	12'	1-1/2"	DXT24 HRC	Class A	Flat White	51%	58%	0-4	A-F	7/8" Moulding ACM7 Clip	12 lbs./LF	6.6 lbs./LF	
	<b>Cross Tee 1-1/2"</b>		2'	1-1/2"	DXT222 HRC	Class A	Flat White	51%	58%	0-4	A-F	7/8" Moulding ACM7 Clip			
			4'	1-1/2"	DXT424 HRC	Class A	Flat White	51%	58%	0-4	A-F	7/8" Moulding ACM7 Clip			
<b>9/16" Face Tee System</b>	<b>Main Tee</b>	Intermediate Duty	12'	1-25/32"	DXF2924 HRC	Class A	Flat White	53%	61%	0-4	A-F	7/8" Moulding ACM7 Clip	12 lbs./LF	6.6 lbs./LF	3.6 lbs./LF
	<b>Cross Tee<sup>11</sup></b>		2'	1-25/32"	DXF229 HRC	Class A	Flat White	53%	61%	0-4	A-F	7/8" Moulding ACM7 Clip			
			4'	1-25/32"	DXF429N HRC <sup>11</sup>	Class A	Flat White	53%	61%	0-4	A-F	7/8" Moulding ACM7 Clip			
<b>Moulding</b>	<b>Wall Angle</b>		12'		M9 HRC		Flat White	53%	61%						



**New Down Seismic Solutions**

- Meets or exceeds all national code requirements with 7/8" wall moulding.
- Fulfills requirements for IBC seismic design categories A-F.
- Certified with maximum sq. ft. weights, representing complete ceiling systems.
- Compliance with IBC seismic design categories D, E, and F with CGC Intermediate Duty system without perimeter wires.



**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 U.S. FTC guidelines.

**Physical Data/ Footnotes**

**Product literature**

Data sheet# EGR\_OG69

**Material**

Double-web hot-dipped galvanized steel body; steel cap finished with four-step protective coating.

**Recycled content**

For details, see the LEED Report Generator at [www.usgdesignstudio.com](http://www.usgdesignstudio.com).

**Installation**

Must be installed in compliance with ASTM C636, C15CA or standard industry practices, within all applicable code requirements. See UL Fire Resistance Directory for rated assembly details.

**Limitations**

Severe Environmental Requirements:

Panels in exposed grids in non-fire-rated, high-humidity applications: use all-aluminum AX™ or ZXLA™ painted HDG suspension systems with aluminum cap. Panels in exposed grids in fire-rated, high-humidity applications: use ZXLA suspension systems. For all exterior applications, suspension should be reviewed by a structural engineer.

**ICC Evaluation Service, Inc., Report Compliance**

Suspension systems manufactured by CGC Interiors, Inc., have been reviewed and are approved by listing in ICC-ES Evaluation Reports. Evaluation Reports are subject to reexamination, revision and possible cancellation. Please refer to [usgdesignstudio.com](http://usgdesignstudio.com) for current reports.

**L.A. Research Report Compliance**

Down brand suspension systems manufactured by CGC Interiors, Inc., have been reviewed and are approved by listing in one or more of the following L.A. Research Report numbers: 22179, 23451, 24095.

**The City of New York BSA and MEA Report Compliance**

Down suspension systems have been approved by listing in one or more of the following City of New York Board of Standards and Appeals, and Department of Building, Material and Equipment Acceptance reports: BSA 618-60-SM, BSA 184-77-SM, BSA 796-81-SM, MEA 366-93-M, MEA 133-95-M, MEA 312-99-M, MEA 123-00-M.

**ASTM C635 Standard for Load Compliance**

System meets or exceeds load compliance specifications per ASTM C635. Main tees will not deflect more than 1/8" over 48" span (or L/360) in Light Duty, Intermediate Duty or Heavy Duty categories.

**Footnotes**

1. Dependent on location; contact your CGC representative.
2. All DX/DXL main-tee and cross-tee connections meet IBC requirements for tension and compression strength.
3. Load test data shows uniform load in lbs./LF based on simple span tests in accordance with ASTM C635 deflection limit of L/360. For detailing and module loading.

4. UL fire-rated listing, labeling and follow-up applies only to fire-rated components.
5. Non-fire-rated only.
6. Cross-tee hole punch spacings also available for 20" and 30" modules.
7. Available in metric; add "ME" to Item No. Consult Customer Service for colours of metric tees.
8. For mouldings information, see Perimeter Interface selector.
9. Panels must be specified to be field-cut, field-revealed and to provide widest possible lay-on edge.
10. For DXL channel mouldings are also acceptable in some designs. Check UL Fire Resistance Directory for moulding options.
11. N = Notch at midpoint.



CGC Inc.  
 350 Burnhamthorpe Rd. W., 5th Fl  
 Mississauga, ON L5B 3J1

For information on trademarks refer to EAC\_A377

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

EGR\_OG69  
 2009, CGC Inc.  
 Printed in Canada