CertainTeed Ceilings

SUSPENSION SYSTEMS CATALOG 2015–2016

Innovative Solutions for
Installation Professionals

CertainTeed
SAINT-GOBAIN

SUSPENSION SYSTEMS

TECHNICAL INFORMATION

Performa® Symphony® with Cloud Perimeter Trim

Versatile systems to meet your needs

CertainTeed offers versatile systems that deliver the performance, aesthetics and design flexibility to meet your project's unique needs.

SEISMIC SECURE™ | FIRE SECURE™

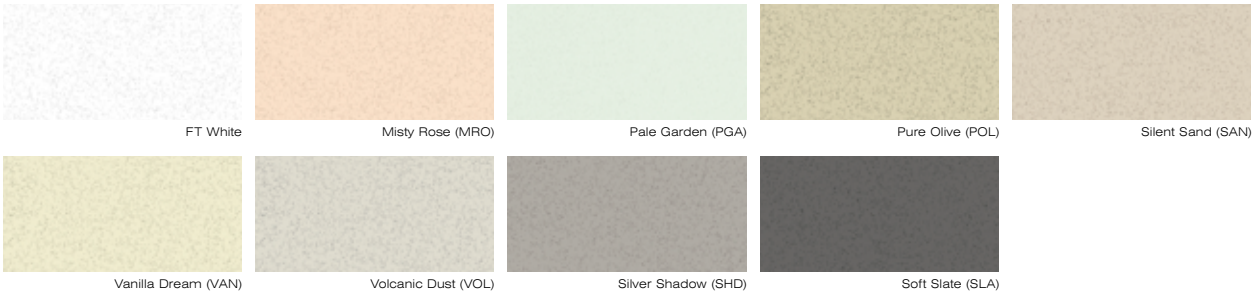
PRODUCT NAME	FACE PROFILE	ATTRIBUTES	COLOR OPTIONS
1-1/2" Drywall System	1-1/2"	Heavy duty load bearing capabilities G-40 & G-90 HDG available Double stitched web design	Galvanized / Unpainted
9/16" Elite Narrow Stab System SEISMIC SECURE™	9/16"	Narrow T-profile design G30 Hot-Dipped Galvanized Web	White Black
9/16" Smoothline Bolt Slot System	9/16"	Classic 1/4" regress in bolt-slot design G30 Hot-Dipped Galvanized Web	White
15/16" Classic Hook System	15/16"	Standard T-profile design / hook joinery G30 Hot-Dipped Galvanized Web	White Black
15/16" Classic Stab System SEISMIC SECURE™	15/16"	Standard T-profile design / stab joinery G30 Hot-Dipped Galvanized Web	White Black
15/16" Classic Aluminum Capped Hook System	15/16"	Humidity-resistant T-profile design / hook joinery G30 Hot-Dipped Galvanized Web	White Black
15/16" Classic Aluminum Capped Stab System SEISMIC SECURE™	15/16"	Humidity-resistant T-profile design / stab joinery G30 Hot-Dipped Galvanized Web	White Black More color options on page 5
15/16" Classic Environmental Stab System SEISMIC SECURE™	15/16"	High humidity-resistant T-profile design / stab joinery G60 Hot-Dipped Galvanized Web Aluminum capped	White
15/16" Cleanroom Stab System	15/16"	Suitable for Class 4 or greater clean room applications G30 Hot-Dipped Galvanized Web Factory applied, closed cell foam gasketing	White
15/16" FireSecure™ Stab System FIRE SECURE™	15/16"	UL and ULC fire-rated Tested to ASTM E119 for fire rating	White
Gyptone® BIG™ (GK) Grid System	2.4"	Gyptone® BIG™ Board Suspension System	Galvanized / Unpainted
Cloud Perimeter Trim	3/4" AVAILABLE HEIGHTS 2", 4", 6", 8", 10", 12"	Classic C-channel design Extruded aluminum	White Custom Colors
Wall Angle Products / Grid Accessories	Sizes Vary	Variety of products Clips, Sealants, Anchors, etc.	White Silver Galvanized

15/16" CLASSIC ALUMINUM CAPPED STAB SYSTEM AND TRADITIONAL WALL ANGLE CAN BE SPECIFIED IN THE FOLLOWING COLORS:

Standard White	Black (BLK)	Blondewood (BLW)	Beige Breeze (BEB)	Silver Lining (SIL)	Wet Clay (WEC)	White Wash (WIW)

For special-order finishes and customized color options, consult your CertainTeed Ceilings Sales Representative for availability, pricing and minimum order quantities.

ALL 15/16" AND 9/16" SIZED PRODUCTS (INCLUDING WALL ANGLE) CAN ALSO BE SPECIFIED IN THE FOLLOWING ECOPHON® FOCUS™ AND SOLO™ COLORS:



FT White | Misty Rose (MRO) | Pale Garden (PGA) | Pure Olive (POL) | Silent Sand (SAN)

Vanilla Dream (VAN) | Volcanic Dust (VOL) | Silver Shadow (SHD) | Soft Slate (SLA)

Consult your local CertainTeed Ceilings Representative for availability, pricing and minimum order quantities.

CERTAINTEED CEILINGS SUSPENSION SYSTEMS: STANDARDS AND REQUIREMENTS

Standards

CertainTeed Ceilings suspension systems are manufactured in strict accordance with ASTM C635 to meet or exceed, where applicable, performance criteria described in ASCE 7, ASTM E580, ASTM E119, UL263, CAN/UL S101M, ICC-ES AC-156 and ICC-ES AC-368. Metal thicknesses comply with the U.S. Standard Revised Manufacturers Gauge Table (but are subject to mill tolerances).

General Installation Requirements

CertainTeed suspended ceiling systems are designed for use in both interior and exterior applications (for certain products). The manufacturer should be consulted for recommendations regarding exterior applications. Installations should be made according to ASTM C636 and any local authority having jurisdiction over such matters. Installation should be done only when the temperature and humidity are within those stated in the product warranty. Special attention should be given to proper ventilation of the plenum, especially in high-moisture areas.

Prior to the start of installation, all exterior windows and doors are to be in place, the roof is to be watertight and all wet work is to be completed and dry. No materials should rest against or wrap around the ceiling suspension components or the wires that suspend or brace them.

All direct hung components are to be level and suspended by galvanized steel wire not less than 12 gauge. Tested load performance should not be exceeded.

1-1/2" Drywall System

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TOOLS

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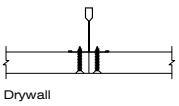
3-Part Specs / Data Pages

FEATURES & BENEFITS

- Knurled face for easier screw installation
- Expanded cross tee offering facilitates integration with Types F & G light fixtures
- Web is double stitched for added strength
- Double web design for durability and strength
- Cross tees feature staked-on end tabs for optimal tightness and ease of installation
- Heavy-duty load-bearing capabilities / classification
- Stepped-end design featured on cross tees
- Utilizes G-40 hot-dipped galvanized construction for superior corrosion resistance
- G-90 hot-dipped galvanized is available for extreme corrosion resistance and exterior applications
- Suitable for use in the following UL/ULC Fire Resistive Assemblies: D501, D502, D503, G041, G523, G524, G526, G527, G528, G529, G553, L502, L508, L513, L515, L525, L526, L529, P506, P508, P509, P510, P513, P514, P560.

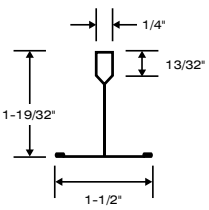
– Tested performance data available in ICC ESR-3336

AVAILABLE EDGE DETAILS

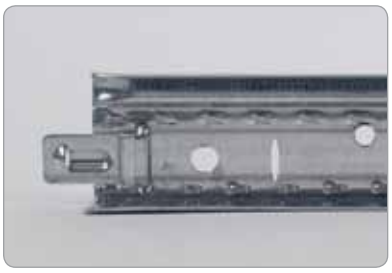


Drywall
1-1/2" Grid

MAIN RUNNERS

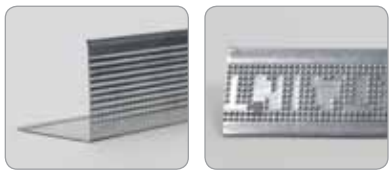


MAIN RUNNER



CROSS TEE

1-1/2" WALL ANGLE



ATTRIBUTES

G40 GALVANIZATION	DESCRIPTION	DIMENSIONS (INCHES)	SLOT SPACING (INCHES)	STRUCTURAL CLASSIFICATION (ASTM C635)	FIRE RATED	RECYCLED CONTENT TOTAL	RECYCLED CONTENT PRE	RECYCLED CONTENT POST	PIECES PER CARTON	FEET PER CARTON
DWS12-13-20	HD FR Main Runner G40	144 x 1.6 x 1.5	54 slots, starting 2-1/4" from each end	Heavy Duty	Yes	62%	28%	34%	16	192
DWS1.16-13-20	14" Cross Tee G40	14 x 1.6 x 1.5	—	—	Yes	62%	28%	34%	48	55.9
DWS2-13-20	24" Cross Tee G40	24 x 1.6 x 1.5	10, 12, 14	—	Yes	62%	28%	34%	48	96
DWS2.16-13-20	26" Cross Tee G40	26 x 1.6 x 1.5	12, 14	—	Yes	62%	28%	34%	48	104
DWS3-13-20	36" Cross Tee G40	36 x 1.6 x 1.5	—	—	Yes	62%	28%	34%	48	144
DWS4-13-20	48" Cross Tee G40	48 x 1.6 x 1.5	10, 12, 14, 22, 24, 26, 34, 36, 38	—	Yes	62%	28%	34%	48	192
DWS4.16-13-20	50" Cross Tee G40	50 x 1.6 x 1.5	10, 12, 14, 24, 26, 36, 38, 40	—	Yes	62%	28%	34%	48	200
DWS6-13-20	72" Cross Tee G40	72 x 1.6 x 1.5	22, 24, 26, 46, 48, 50	—	No	62%	28%	34%	36	216
DWA1.5-1.5	1.5" WA G40	144 x 1.5 x 1.5	—	—	—	62%	28%	34%	20	240
DWA2-2	2" WA G40	144 x 2 x 2	—	—	—	62%	28%	34%	20	240
G90 GALVANIZATION FOR EXTREME CORROSION RESISTANCE										
DWS12-13-20 G90	HD FR Main Runner G90	144 x 1.6 x 1.5	54 slots, starting 2-1/4" from each end	Heavy Duty	Yes	61%	27%	34%	16	192
DWS1.16-13-20 G90	14" Cross Tee G90	14 x 1.6 x 1.5	—	—	Yes	62%	28%	34%	48	55.9
DWS2-13-20 G90	24" Cross Tee G90	24 x 1.6 x 1.5	10, 12, 14	—	Yes	62%	28%	34%	48	96
DWS2.16-13-20 G90	26" Cross Tee G90	26 x 1.6 x 1.5	12, 14	—	Yes	62%	28%	34%	48	104
DWS3-13-20 G90	36" Cross Tee G90	36 x 1.6 x 1.5	—	—	Yes	61%	27%	34%	48	144
DWS4-13-20 G90	48" Cross Tee G90	48 x 1.6 x 1.5	10, 12, 14, 22, 24, 26, 34, 36, 38	—	Yes	62%	28%	34%	48	192
DWS4.16-13-20 G90	50" Cross Tee G90	50 x 1.6 x 1.5	10, 12, 14, 24, 26, 36, 38, 40	—	Yes	62%	28%	34%	48	200
DWS6-13-20 G90	72" Cross Tee G90	72 x 1.6 x 1.5	22, 24, 26, 46, 48, 50	—	No	61%	27%	34%	36	216
DWA1.5-1.5 G90	1.5" WA G90	144 x 1.5 x 1.5	—	—	—	61%	27%	34%	20	240
DWA2-2	2" WA G90	144 x 2 x 2	—	—	—	61%	27%	34%	20	240

9/16" Elite Narrow Stab System

SEISMIC SECURE™

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TOOLS

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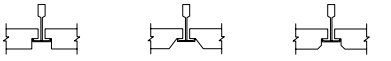
The Elite Narrow Stab System features a slim 9/16" (15 mm) face width to enhance design flexibility and to complement finer, contemporary designs. Cross tees incorporate a staked-on end tab to ensure quick installation with optimal tightness.

FEATURES & BENEFITS

- Narrow style 9/16" (15 mm) face complements modern designs
- Double web design for lasting durability and strength
- Cross tees utilize stab-in design to maximize strength, flexibility and installation efficiency
- Intermediate- and heavy-duty load-bearing capabilities / classification
- Grid features G30 hot-dipped galvanized steel web construction for corrosion resistance
- Available in standard white and black
- Suitable for all seismic applications
- Seismic compliant per ICC ESR-3336 and L.A. Research Report number 25978

AVAILABLE EDGE DETAILS

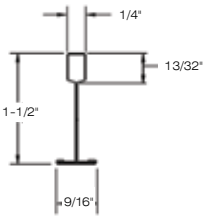


Narrow Reveal 9/16 Grid

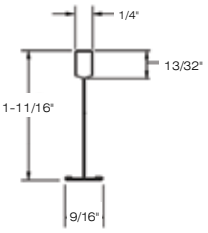
Narrow Reveal Bevel 9/16 Grid

Narrow Reveal Corner Bevel 9/16 Grid

MAIN RUNNERS



9/16 ID Grid Profile



9/16 HD Grid Profile

MAIN RUNNER

CROSS TEE

9/16" WALL ANGLE

ATTRIBUTES

9/16" ELITE NARROW STAB SYSTEM	DESCRIPTION	GRID FACE (INCHES)	DIMENSIONS (INCHES)	SLOT SPACING (INCHES)	STRUCTURAL CLASSIFICATION (ASTM C635)	RECYCLED CONTENT TOTAL	RECYCLED CONTENT PRE	RECYCLED CONTENT POST	SEISMIC DESIGN CATEGORY	PIECES PER CARTON	FEET PER CARTON
ES12-12-18	Main Runner	9/16	144 x 1-1/2 x 9/16	6 O.C.	ID	71%	32%	39%	A-C	20	240
ES12-12-19	Main Runner	9/16	144 x 1-11/16 x 9/16	6 O.C.	HD	71%	32%	39%	A-F	20	240
ES2-12-12	Cross Tee	9/16	24 x 1-1/2 x 9/16	—	—	70%	32%	38%	A-F	60	120
ES2-12-19	Cross Tee	9/16	24 x 1-11/16 x 9/16	—	HD	71%	32%	39%	A-F	60	120
ES2.5-12-12	Cross Tee	9/16	30 x 1-1/2 x 9/16	—	—	71%	32%	39%	A-F	60	150
ES4-12-19	Cross Tee	9/16	48 x 1-11/16 x 9/16	12 O.C.	HD	71%	32%	39%	A-F	60	240
ES4-12-12	Cross Tee	9/16	48 x 1-1/2 x 9/16	12 O.C.	—	70%	32%	38%	A-F	60	240
ES5-12-12	Cross Tee	9/16	60 x 1-1/2 x 9/16	12 O.C.	—	70%	32%	38%	A-F	20	100
ES5-12-12-3S	Cross Tee	9/16	60 x 1-1/2 x 9/16	20, 30, 40	—	70%	32%	38%	A-F	20	100
ES6-12-12	Cross Tee	9/16	72 x 1-1/2 x 9/16	24, 36 48	—	70%	32%	38%	A-F	20	120
ES8-12-12	Cross Tee	9/16	96 x 1-1/2 x 9/16	12 O.C.	—	70%	32%	38%	A-F	20	160
WA15-9	Wall Angle	9/16	144 x 15/16 x 9/16	—	—	31%	6%	25%	A-B	40	480
WA15-15	Wall Angle	15/16	144 x 15/16 x 9/16	—	—	31%	6%	25%	A-F	40	480
WA32-32	Wall Angle	2	120 x 2 x 2	—	—	31%	6%	25%	A-F	40	400
WA32-32-12	Wall Angle	2	144 x 2 x 2	—	—	31%	6%	25%	A-F	40	480
WA32-15	Wall Angle	2	120 x 15/16 x 2	—	—	31%	6%	25%	A-F	40	400
WA32-15-12	Wall Angle	2	144 x 15/16 x 2	—	—	31%	6%	25%	A-F	40	480
SM1000	Shadow Molding	—	120 x 3/4 x 3/8 x 3/8 x 9/16	—	—	9%	9%	0%	A-F	40	400
SM1020	Shadow Molding	—	120 x 15/16 x 3/8 x 3/8 x 3/4	—	—	9%	9%	0%	A-F	40	400

ICC EVALUATION SERVICE, INC., REPORT COMPLIANCE

Suspension systems manufactured by CertainTeed Ceilings have been reviewed and are approved by listing in ICC-ES Evaluation Report ESR-3336. CertainTeed Ceilings suspension systems have been reviewed and are approved by listing in L.A. Research Report number 25978. Evaluation Reports are subject to reexamination, revision and possible cancellation. Refer to CertainTeed.com/Ceilings for current reports.

9/16" Smoothline Bolt Slot System

The Smoothline Bolt Slot System offers contemporary flair and extended design flexibility. This system complements many of today's modern designs and provides a uniform surface when installed with appropriate Narrow Reveal Edge ceiling panels.

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TOOLS

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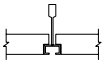
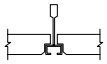
FEATURES & BENEFITS

- Narrow 9/16" (15 mm) face features a 1/4" (6 mm) center regress and is compatible with certain Narrow Reveal Edge panels
- Double web design for lasting durability and strength
- Mitered design on cross tee and main runner intersections produces a clean, continuous slot
- Grid features G30 hot-dipped galvanized steel web construction for corrosion resistance
- Available in standard white only (Consult your Sales Representative about custom colors)
- Unique spring-clip joinery for secure install and easy removal

AVAILABLE EDGE DETAILS

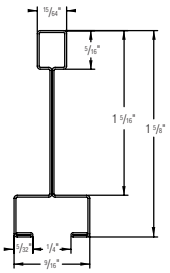


Narrow Reveal
9/16 Grid
(Bolt Slot)



Narrow Reveal
Corner Bevel
9/16 Grid
(Bolt Slot)

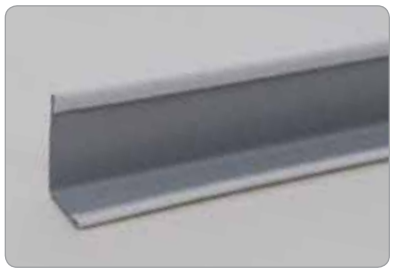
MAIN RUNNERS



MAIN RUNNER

CROSS TEE

9/16" WALL ANGLE



ATTRIBUTES

9/16" SMOOTHLINE BOLT SLOT SYSTEM	DESCRIPTION	GRID FACE (INCHES)	DIMENSIONS (INCHES)	SLOT SPACING (INCHES)	STRUCTURAL CLASSIFICATION (ASTM C635)	RECYCLED CONTENT TOTAL	RECYCLED CONTENT PRE	RECYCLED CONTENT POST	PIECES PER CARTON	FEET PER CARTON
SL12-13-17	Main Runner	9/16	144 x 1-5/8 x 9/16	24 O.C.	ID	35%	30%	5%	20	240
SL2-13-17	Cross Tee	9/16	24 x 1-5/8 x 9/16	—	—	35%	30%	5%	40	80
SL4-13-17	Cross Tee	9/16	48 x 1-5/8 x 9/16	24 O.C.	—	35%	30%	5%	40	160
WA15-9	Wall Angle	9/16	144 x 15/16 x 9/16	—	—	31%	6%	25%	40	480
SM1000	Shadow Molding	—	120 x 3/4 x 3/8 x 3/8 x 9/16	—	—	9%	9%	0%	40	400
SM1020	Shadow Molding	—	120 x 15/16 x 3/8 x 3/8 x 3/4	—	—	9%	9%	0%	40	400

15/16" Classic Hook System

The Classic Hook System features a 15/16" (24 mm) face width. This system incorporates hook-over cross tee end detail, designed to meet a variety of user needs and preferences.

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TOOLS

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FEATURES & BENEFITS

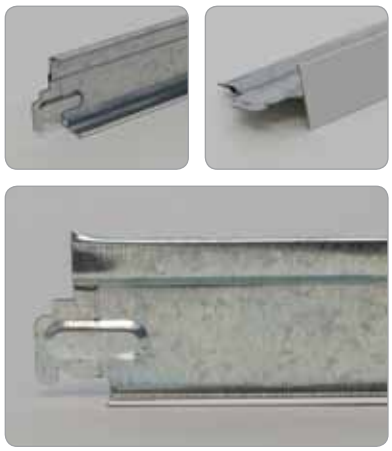
- Double web design for lasting durability and strength
- Cross tees feature hook-over end tab design for positive locking and easy removal
- Intermediate- and heavy-duty load-bearing capabilities
- Integral hook joinery featured on main runners for easy installation
- Cross tees feature a butt-cut end design
- Grid features G30 hot-dipped galvanized steel web construction for corrosion resistance
- Available in standard white and black

AVAILABLE EDGE DETAILS

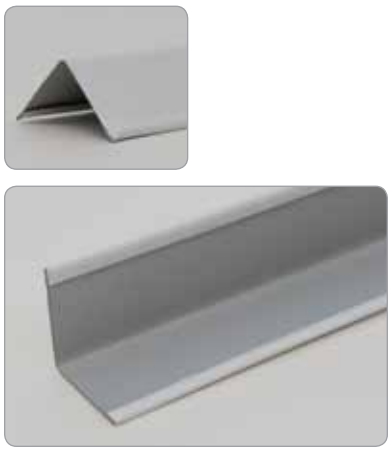
Trim (Square) 15/16 Grid | Reveal 15/16 Grid | Reveal (Beveled) 15/16 Grid | Reveal (Corner Beveled) 15/16 Grid | Semi-Concealed 15/16 Grid | Fully Concealed 15/16 Grid

MAIN RUNNER

CROSS TEE



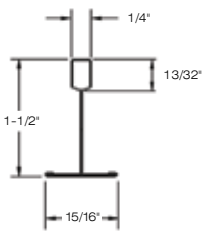
15/16" WALL ANGLE



ATTRIBUTES

15/16" CLASSIC HOOK SYSTEM	DESCRIPTION	GRID FACE (INCHES)	DIMENSIONS (INCHES)	SLOT SPACING (INCHES)	STRUCTURAL CLASSIFICATION (ASTM C635)	RECYCLED CONTENT TOTAL	RECYCLED CONTENT PRE	RECYCLED CONTENT POST	PIECES PER CARTON	FEET PER CARTON
CH12-12-15	Main Runner	15/16	144 x 1-1/2 x 15/16	6 O.C.	ID	69%	30%	36%	20	240
CH12-12-20	Main Runner	15/16	144 x 1-1/2 x 15/16	6 O.C.	HD	69%	32%	37%	20	240
CH2-12-12	Cross Tee	15/16	24 x 1-1/2 x 15/16	—	—	66%	30%	36%	60	120
CH4-12-12	Cross Tee	15/16	48 x 1-1/2 x 15/16	12 O.C.	—	66%	30%	36%	60	240
WA15-15	Wall Angle	15/16	144 x 15/16 x 15/16	—	—	33%	9%	24%	40	480
WA15-9	Wall Angle	9/16	144 x 15/16 x 9/16	—	—	33%	9%	24%	40	480
SM1000	Shadow Molding	—	120 x 3/4 x 3/8 x 3/8 x 9/16	—	—	9%	9%	0%	40	400
SM1020	Shadow Molding	—	120 x 15/16 x 3/8 x 3/8 x 3/4	—	—	9%	9%	0%	40	400

MAIN RUNNERS



15/16" Classic Stab System

SEISMIC SECURE™

$$$$$

TOOLS

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The Classic Stab System features the 15/16" (24 mm) face width that is widely used in interior designs today. Strong staked-on end tabs are incorporated into the cross tee design to provide quick and easy installation with optimal tightness among installed components.

FEATURES & BENEFITS

- Double web design for durability and strength
- Cross tees feature staked-on end tabs for optimal tightness and ease of installation
- Intermediate- and heavy-duty load-bearing capabilities
- Stepped-end design featured on cross tees
- Grid features G30 hot-dipped galvanized steel web construction for corrosion resistance
- Available in standard white and black
- Suitable for all seismic applications
- Seismic compliant per ICC ESR-3336 and L.A. Research Report number 25978

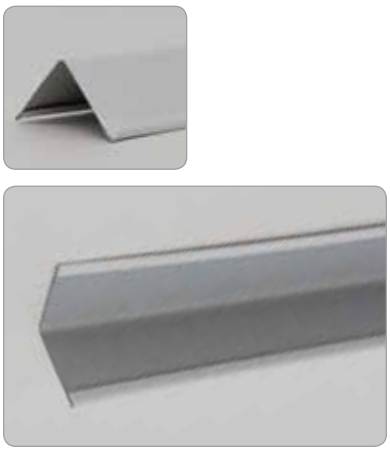
AVAILABLE EDGE DETAILS

Trim (Square) 15/16 Grid | Reveal 15/16 Grid | Reveal (Beveled) 15/16 Grid | Reveal (Corner Beveled) 15/16 Grid | Semi-Concealed 15/16 Grid | Fully Concealed 15/16 Grid

MAIN RUNNER

CROSS TEE

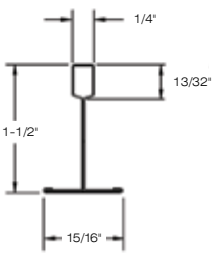
15/16" WALL ANGLE



ATTRIBUTES

15/16" CLASSIC STAB SYSTEM	DESCRIPTION	GRID FACE (INCHES)	DIMENSIONS (INCHES)	SLOT SPACING (INCHES)	STRUCTURAL CLASSIFICATION (ASTM C635)	RECYCLED CONTENT TOTAL	RECYCLED CONTENT PRE	RECYCLED CONTENT POST	SEISMIC DESIGN CATEGORY	PIECES PER CARTON	FEET PER CARTON
CS12-12-15	Main Runner	15/16	144 x 1-1/2 x 15/16	6 O.C.	ID	66%	30%	36%	A-C	20	240
CS12-12-20	Main Runner	15/16	144 x 1-1/2 x 15/16	6 O.C.	HD	71%	33%	38%	A-F	20	240
CS11.67-12-15	Main Runner	15/16	140 x 1-1/2 x 15/16	10 O.C.	ID	66%	30%	36%	A-C	20	233
CS10-12-15	Main Runner	15/16	120 x 1-1/2 x 15/16	6 O.C.	ID	66%	30%	36%	A-C	20	200
CS1-12-12	Cross Tee	15/16	12 x 1-1/2 x 15/16	—	—	62%	28%	34%	A-F	60	60
CS1.67-12-12	Cross Tee	15/16	20 x 1-1/2 x 15/16	—	—	62%	28%	34%	A-F	60	100
CS2-12-12	Cross Tee	15/16	24 x 1-1/2 x 15/16	—	—	62%	28%	34%	A-F	60	120
CS2-12-20	Cross Tee	15/16	24 x 1-1/2 x 15/16	—	HD	71%	33%	38%	A-F	60	120
CS2.5-12-12	Cross Tee	15/16	30 x 1-1/2 x 15/16	—	—	62%	28%	34%	A-F	60	150
CS4-12-12	Cross Tee	15/16	48 x 1-1/2 x 15/16	12 O.C.	—	62%	28%	34%	A-F	60	120
CS4-12-20	Cross Tee	15/16	48 x 1-1/2 x 15/16	12 O.C.	HD	71%	33%	38%	A-F	60	240
CS5-12-12	Cross Tee	15/16	60 x 1-1/2 x 15/16	12 O.C.	—	62%	28%	34%	A-F	60	240
CS5-12-12-3S	Cross Tee	15/16	60 x 1-1/2 x 15/16	20, 30, 40	—	62%	29%	34%	A-F	20	100
CS6-12-12	Cross Tee	15/16	72 x 1-1/2 x 15/16	—	—	62%	28%	34%	A-F	20	120
CS8-12-12	Cross Tee	15/16	96 x 1-1/2 x 15/16	12 O.C.	—	62%	28%	34%	A-F	20	240
WA15-15	Wall Angle	15/16	144 x 15/16 x 15/16	—	—	31%	6%	25%	A-F	40	480
WA15-15-10	Wall Angle	15/16	120 x 15/16 x 15/16	—	—	31%	6%	25%	A-F	40	400
WA32-15-12	Wall Angle	2	144 x 2 x 1	—	—	31%	6%	25%	A-F	40	480
WA32-32-12	Wall Angle	2	144 x 2 x 2	—	—	31%	6%	25%	A-F	40	480
WA32-15	Wall Angle	2	120 x 2 x 1	—	—	31%	6%	25%	A-F	40	400
WA32-32	Wall Angle	2	120 x 2 x 2	—	—	31%	6%	25%	A-F	40	400
WA15-9	Wall Angle	9/16	144 x 15/16 x 9/16	—	—	31%	6%	25%	A-B	40	480
SM1000	Shadow Molding	—	120 x 15/16 x 3/8 x 3/8 x 9/16	—	—	9%	9%	0%	A-F	40	400
SM1020	Shadow Molding	—	120 x 3/4 x 3/8 x 3/8 x 3/4	—	—	9%	9%	0%	A-F	40	400
15/16" CLASSIC STAB SYSTEM (METRIC)		**(MM)**	**(MM)**	**(MM)**							
CS3000M-12-15	Main Runner	24	3000 x 38 x 24	250 O.C.	ID	66%	30%	36%	A-C	20	197
CS3600M-12-15	Main Runner	24	3600 x 38 x 24	150 O.C.	ID	66%	30%	36%	A-C	20	236
CS500M-12-12	Cross Tee	24	500 x 38 x 24	—	—	62%	28%	34%	A-C	60	98
CS600M-12-12	Cross Tee	24	600 x 38 x 24	—	—	62%	28%	34%	A-C	60	118
CS750M-12-12	Cross Tee	24	750 x 38 x 24	—	—	62%	28%	34%	A-C	60	148
CS1200M-12-12	Cross Tee	24	1200 x 38 x 24	300 O.C.	—	62%	28%	34%	A-C	60	236
CS1500M-12-12	Cross Tee	24	1500 x 38 x 24	500 O.C.	—	62%	28%	34%	A-C	50	246
CS1500M-12-12-5S	Cross Tee	24	1500 x 38 x 24	150; 400; 750; 1100; 1350	—	62%	28%	34%	A-C	50	246

MAIN RUNNERS



ICC EVALUATION SERVICE, INC., REPORT COMPLIANCE

Suspension systems manufactured by CertainTeed Ceilings have been reviewed and are approved by listing in ICC-ES Evaluation Report ESR-3336. CertainTeed Ceilings suspension systems have been reviewed and are approved by listing in L.A. Research Report number 25978. Evaluation Reports are subject to reexamination, revision and possible cancellation. Refer to CertainTeed.com/Ceilings for current reports.

15/16" Classic Aluminum Capped Hook System

The Classic Aluminum Capped Hook System is for areas where moisture is a concern, such as commercial kitchens, laboratories and computer rooms.

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TOOLS

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FEATURES & BENEFITS

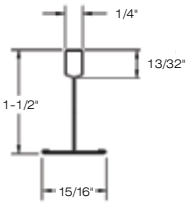
- Double web design for lasting durability and strength
- Integral hook joinery featured on main runners for easy installation
- Cross tees are stepped-end and are offered in 2' and 4' lengths
- Cross tees feature hook-over end tab design for positive locking and easy removal
- Cross tees feature a butt-cut end design
- Grid features G30 hot-dipped galvanized steel web construction for corrosion resistance
- Satisfies USDA/FSIS guidelines for sanitary applications
- Available in standard white and black

AVAILABLE EDGE DETAILS

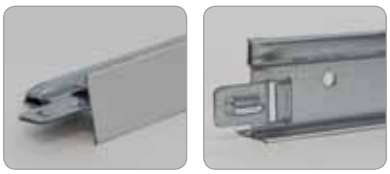
Trim (Square) 15/16 Grid

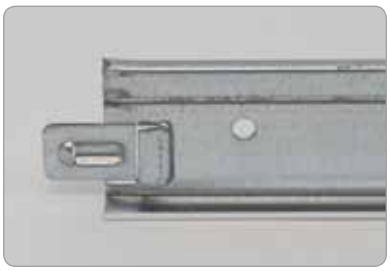
Reveal 15/16 Grid

MAIN RUNNERS



MAIN RUNNER





CROSS TEE

15/16" WALL ANGLE

ATTRIBUTES

15/16" CLASSIC ALUMINUM CAPPED HOOK SYSTEM	DESCRIPTION	GRID FACE (INCHES)	DIMENSIONS (INCHES)	SLOT SPACING (INCHES)	STRUCTURAL CLASSIFICATION (ASTM C635)	RECYCLED CONTENT TOTAL	RECYCLED CONTENT PRE	RECYCLED CONTENT POST	PIECES PER CARTON	FEET PER CARTON
ACH12-12-15	Main Runner	15/16	144 x 1-1/2 x 15/16	6 O.C.	ID	77%	35%	42%	20	240
ACH2-12-12	Cross Tee	15/16	24 x 1-1/2 x 15/16	12 O.C.	—	77%	35%	42%	60	120
ACH4-12-12	Cross Tee	15/16	48 x 1-1/2 x 15/16	—	—	77%	35%	42%	60	240
WA15-15SAL	Wall Angle (Aluminum)	15/16	144 x 15/16 x 15/16	—	—	28%	0%	28%	40	480
WA15-15	Wall Angle	15/16	144 x 15/16 x 15/16	—	—	31%	6%	25%	40	480

15/16" Classic Aluminum Capped Stab System

SEISMIC SECURE™

$$$$$

TOOLS

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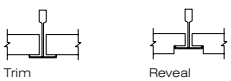
The Classic Aluminum Capped Stab System is for areas where moisture is a concern, such as commercial kitchens, laboratories and sanitary spaces.

FEATURES & BENEFITS

- Double web design for lasting durability and strength
- Stepped-end design featured on cross tees
- Cross tees feature staked-on end tabs for optimal tightness and ease of installation
- Grid features G30 hot-dipped galvanized steel web construction for corrosion resistance
- Satisfies USDA/FSIS guidelines for sanitary applications
- Suitable for seismic applications
- Available in standard white and black and five additional colors

Standard White	Black (BLK)	Blondewood (BLW)	Beige Breeze (BEB)	Silver Lining (SIL)	Wet Clay (WEC)	White Wash (WIW)

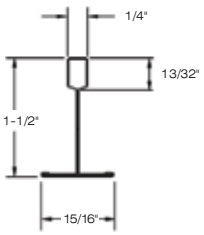
AVAILABLE EDGE DETAILS



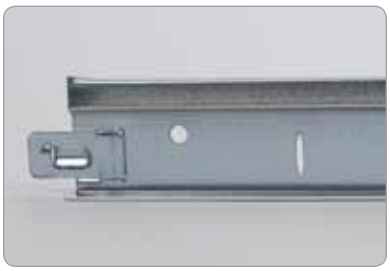
Trim (Square) 15/16 Grid

Reveal 15/16 Grid

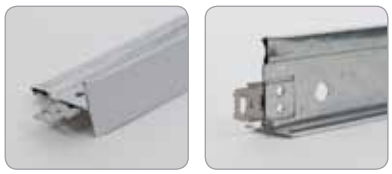
MAIN RUNNERS



MAIN RUNNER



CROSS TEE



15/16" WALL ANGLE

ATTRIBUTES

15/16" CLASSIC ALUMINUM CAPPED STAB SYSTEM	DESCRIPTION	GRID FACE (INCHES)	DIMENSIONS (INCHES)	SLOT SPACING (INCHES)	STRUCTURAL CLASSIFICATION (ASTM C635)	RECYCLED CONTENT TOTAL	RECYCLED CONTENT PRE	RECYCLED CONTENT POST	SEISMIC DESIGN CATEGORY	PIECES PER CARTON	FEET PER CARTON
ACS12-12-15	Main Runner	15/16	144 x 1-1/2 x 15/16	6 O.C.	ID	73%	34%	39%	A-C	20	240
ACS12-12-20	Main Runner	15/16	144 x 1-1/2 x 15/16	6 O.C.	HD	73%	34%	39%	A-F	20	240
ACS2-12-12	Cross Tee	15/16	24 x 1-1/2 x 15/16	—	—	70%	33%	37%	A-F	60	120
ACS4-12-12	Cross Tee	15/16	48 x 1-1/2 x 15/16	12 O.C.	—	70%	33%	37%	A-F	60	240
WA15-15SAL	Wall Angle (Aluminum)	15/16	144 x 15/16 x 15/16	—	—	62%	36%	26%	A-F	40	480
WA15-15	Wall Angle	15/16	144 x 15/16 x 15/16	—	—	31%	6%	25%	A-F	40	480

ICC EVALUATION SERVICE, INC., REPORT COMPLIANCE

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15/16" Classic Environmental Stab System

SEISMIC SECURE™

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TOOLS

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The Classic Environmental Stab System is ideal for areas where extreme environments exist, such as parking garages and commercial kitchens.

FEATURES & BENEFITS

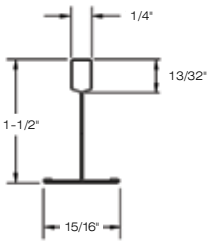
- Double web design for lasting durability and strength
- Cross tees are override or stepped end
- Cross tees feature staked-on end tabs for optimal tightness and ease of installation
- Grid features G60 hot-dipped galvanized steel web construction with aluminum capping for high-humidity and severe environments
- Available in white only
- Suitable for seismic applications
- Seismic compliant per ICC ESR-3336 and L.A. Research Report number 25978

AVAILABLE EDGE DETAILS

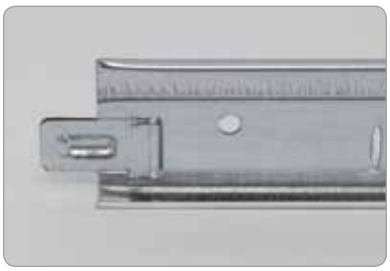
Trim
(Square)
15/16 Grid

Reveal
15/16 Grid

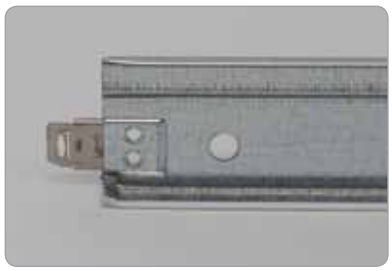
MAIN RUNNERS



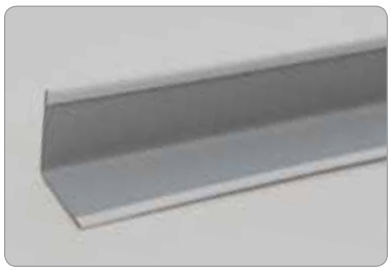
MAIN RUNNER



CROSS TEE



15/16" WALL ANGLE



ATTRIBUTES

15/16" CLASSIC ENVIRONMENTAL STAB SYSTEM	DESCRIPTION	GRID FACE (INCHES)	DIMENSIONS (INCHES)	SLOT SPACING (INCHES)	STRUCTURAL CLASSIFICATION (ASTM C635)	RECYCLED CONTENT TOTAL	RECYCLED CONTENT PRE	RECYCLED CONTENT POST	SEISMIC DESIGN CATEGORY	PIECES PER CARTON	FEET PER CARTON
EVS12-12-15-G60	Main Runner	15/16	144 x 1-1/2 x 15/16	6 O.C.	ID	69%	31%	38%	A-C	20	240
EVS12-12-20-G60	Main Runner	15/16	144 x 1-1/2 x 15/16	6 O.C.	HD	69%	31%	38%	A-F	20	240
EVS2-12-12-G60	Cross Tee	15/16	24 x 1-1/2 x 15/16	—	—	68%	30%	38%	A-F	60	120
EVS4-12-12-G60	Cross Tee	15/16	48 x 1-1/2 x 15/16	12 O.C.	—	68%	30%	38%	A-F	60	240
WA15-15SAL	Wall Angle (Aluminum)	15/16	144 x 15/16 x 15/16	—	—	28%	0%	28%	A-F	40	480

ICC EVALUATION SERVICE, INC., REPORT COMPLIANCE

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15/16" Cleanroom Stab System

The Cleanroom Stab System is designed for controlled environment rooms and provides a clean, particulate-free, sealed ceiling system.

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TOOLS

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FEATURES & BENEFITS

- Tested as a component in cleanroom design to Class 3 (as defined by ISO Standard 14644-1)
- Combine with Aquarock™, Ecophon® Hygiene® Advance™ A, Ecophon® Hygiene® Meditec™ A, Ecophon® Hygiene® Performance™ A, Ecophon® Hygiene® Protec™ A, Envirogard™, Rx Symphony® m, Symphony® f, Symphony® m, Vinylrock™, VinylShield™ A, VinylShield™ C to achieve product-specific cleanroom performance
- Satisfies FGI Healthcare Guidelines for ceilings systems in semi-restricted spaces
- CertainTeed Classic Stab-style main runners and cross tees for fast and sturdy installation
- Grid features G30 hot-dipped galvanized body with white aluminum capping for superior corrosion protection

AVAILABLE EDGE DETAILS

Trim
(Square)
15/16 Grid

MAIN RUNNER

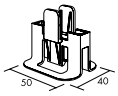
CROSS TEE

15/16" WALL ANGLE

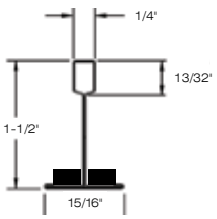
ATTRIBUTES

15/16" CLEANROOM STAB SYSTEM	DESCRIPTION	GRID FACE (INCHES)	DIMENSIONS (INCHES)	SLOT SPACING (INCHES)	STRUCTURAL CLASSIFICATION (ASTM C635)	RECYCLED CONTENT TOTAL	RECYCLED CONTENT PRE	RECYCLED CONTENT POST	PIECES PER CARTON	FEET PER CARTON
CRS12-12-20 WHT	Main Runner	15/16	144 x 1-1/2 x 15/16	6 O.C.	HD	66%	30%	36%	20	240
CRS2-12-12 WHT	Cross Tee	15/16	24 x 1-1/2 x 15/16	—	—	62%	28%	34%	60	120
CRS4-12-12 WHT	Cross Tee	15/16	48 x 1-1/2 x 15/16	12 O.C.	—	62%	28%	34%	60	240
CRS4-12-20 WHT	Cross Tee	15/16	48 x 1-1/2 x 15/16	12 O.C.	HD	71%	33%	38%	60	240
CRWA15-15	Wall Angle	15/16	144 x 15/16 x 15/16	—	—	31%	6%	25%	40	480

ACCESSORIES

	ITEM NUMBER	DESCRIPTION	DIMENSIONS L" X W" X H" (MM)
	**AHD**	Adjustable Hold Down Clip	1-1/8 x 1/2 x 1-11/16 (29 x 13 x 43)
	**26300172**	Connect Hygiene Clip 20	1-31/32 x 1-37/64 x 1-13/16 (50 x 40 x 46)

MAIN RUNNERS



15/16" FireSecure™ Stab System

FIRESECURE™

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TOOLS

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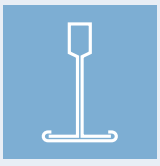
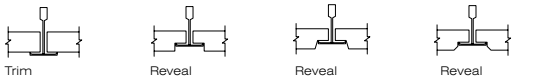


The FireSecure™ Stab System features a 15/16" (24 mm) face width that is widely used in interior designs today. The strong integral end tabs provide quick and easy installation with optimal tightness among installed components.

FEATURES & BENEFITS

- The FireSecure™ and Protectone® ceiling assembly offers fire-rated solutions for 2' x 2' and 2' x 4' modules
- Suited for certain UL and ULC time-rated/fire-resistive designs
- Tested to ASTM E119 for fire rating
- FireSecure™ and Protectone® fire-resistive designs have been tested and are listed on UL.com, CertainTeed.com/Ceilings and pages 40 – 41

AVAILABLE EDGE DETAILS



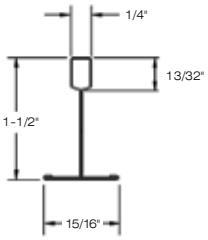
Trim (Square) 15/16 Grid

Reveal 15/16 Grid

Reveal (Beveled) 15/16 Grid

Reveal (Corner Beveled) 15/16 Grid

MAIN RUNNERS

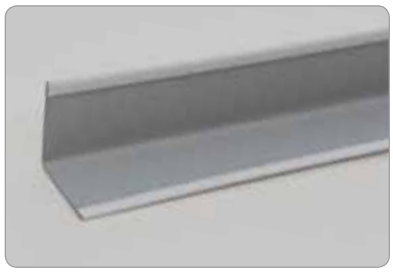


MAIN RUNNER



CROSS TEE


15/16" WALL ANGLE

ATTRIBUTES

15/16" FIRESECURE™ STAB SYSTEM	DESCRIPTION	GRID FACE (INCHES)	DIMENSIONS (INCHES)	SLOT SPACING (INCHES)	STRUCTURAL CLASSIFICATION (ASTM C635)	RECYCLED CONTENT TOTAL	RECYCLED CONTENT PRE	RECYCLED CONTENT POST	PIECES PER CARTON	FEET PER CARTON
FSS12-12-15	Main Runner	15/16	144 x 1-1/2 x 15/16	6 O.C.	ID	75%	34%	41%	20	240
FSS2-12-15	Cross Tee	15/16	24 x 1-1/2 x 15/16	—	—	77%	35%	42%	60	120
FSS4-12-15	Cross Tee	15/16	48 x 1-1/2" x 15/16	12 O.C.	—	77%	35%	42%	60	240
WA15-15	Wall Angle	15/16	144 x 15/16 x 15/16	—	—	31%	6%	25%	40	480

Gyptone® BIG™ (GK) Grid System

The Gyptone® BIG™ (GK) Grid System provides smooth ceilings, seamlessly integrating the wall and ceiling.

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TOOLS

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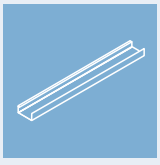
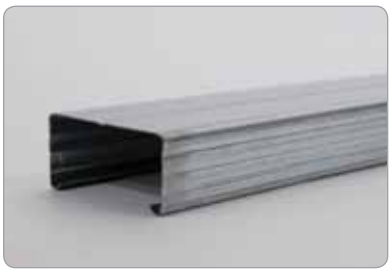


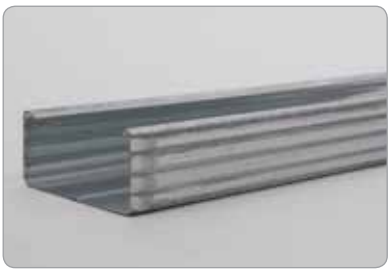
FEATURES & BENEFITS

- Preferred Gyptone® screw surface width at ≈ 2-3/8" (60 mm)
- Quick installation due to unique modular component design
- Components are easily adjusted, offering flexibility during installation
- Flat, rigid system construction facilitates BIG™ boards installation
- Wide screw surface results in fewer joint cracks on finished surface
- Unique Gyptone® QSTR 25 screw enables attachment within perforated fields of Gyptone® BIG™ boards
- Unique Gyptone® QSC 25 screw enables attachment within perforated fields of Gyptone® BIG™ Curve

Main Profile (MP) GK-1



Cross Profile GK-2



Main Profile Connector GK-20

Cross Profile Connector GK-21

Suspension Hanger Base GK-26-27

Suspension Assembly Top Strip GK-27

Perimeter Channel GK-C

Z-Channel

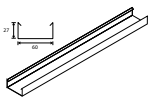
C-Channel

ATTRIBUTES

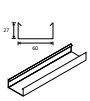
GYPTONE® BIQ™ (GK) GRID SYSTEM	DESCRIPTION	LENGTH (INCHES) (MM)	HEIGHT (INCHES) (MM)	FACE (INCHES) (MM)	METAL THICKNESS (INCHES)	STRUCTURAL CLASSIFICATION (ASTM C635)	♻ RECYCLED CONTENT TOTAL	♻ RECYCLED CONTENT PRE	♻ RECYCLED CONTENT POST	PIECES PER CARTON	FEET PER CARTON
5200413099	Main Profile (MP) GK-1	≈ 13 FT (4000)	≈ 1.1 (27)	≈ 2.4 (60)	0.020	HD	78%	39%	39%	12	157.48
5200413101	Cross Profile GK-2 (1135 mm)	≈ 44.5 (1135)	≈ 1.1 (27)	≈ 2.4 (60)	0.020	—	76%	38%	38%	12	44.68
5200413102	Cross Profile GK-2 (835 mm)	≈ 32.8 (835)	≈ 1.1 (27)	≈ 2.4 (60)	0.020	—	76%	38%	38%	12	32.87
5200413117	Perimeter Channel GK-C	≈ 10 FT (3000)	≈ 1.1 (28)	≈ 1.9 (48)	0.020	—	76%	38%	38%	16	157.48
5200413105	Main Profile Connector GK-20	—	—	—	—	—	50%	25%	25%	100	—
5200413106	Cross Profile Connector GK-21	—	—	—	—	—	0%	0%	0%	100	—
5200413118	Suspension Hanger Base GK-26-27	—	—	—	—	—	0%	0%	0%	100	—
5200413120	Assembly Clip (Pin) GK-29	—	—	—	—	—	78%	39%	39%	100	—
5200413123	Suspension Assembly Top Strip GK-27	≈ 6 (150)	—	—	—	—	78%	38%	38%	100	—
5200412717	QSTR 25 Screw	≈ 0.08 (25)	—	—	—	—	78%	38%	38%	1000	—
5200609148	QSC 25 Screw*	≈ 0.08 (25)	—	—	—	—	78%	38%	38%	1000	—
5200412213	C-Channel	≈ 0.08 (25)								12	118.11
5200412216	Z-Channel	≈ 10 FT (3000)	≈ 1.5 (38.1)	≈ 1.5 (38.1)	0.020	—	50%	25%	25%	12	98

*For Gyptone® BIQ™ Curve product

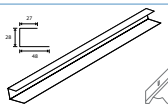
SYSTEM COMPONENTS



Main Profile GK-1



Cross Profile GK-2



Perimeter Channel GK-C

Main Profile Connector GK-20

Cross Profile Connector GK-21

Suspension Hanger Base GK-26-27

Assembly Clip (Pin) GK-29

Suspension Assembly Top Strip GK-27

Screw Type QSTR 25 / QSC 25*

Cloud Perimeter Trim

The Cloud Perimeter Trim System provides extruded aluminum channel trim for termination of suspended ceiling elements (clouds, peninsulas, transitions to drywall).

$$$$

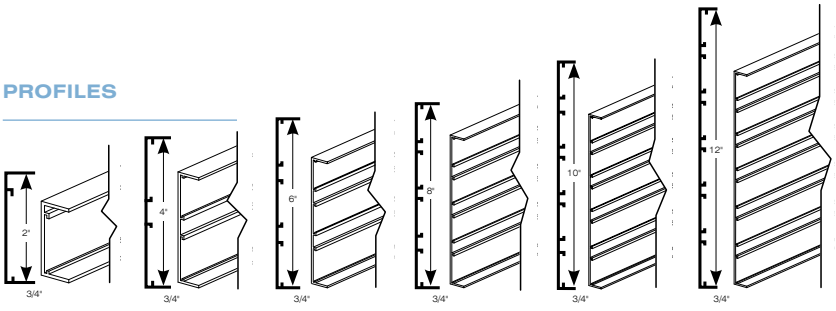
TOOLS

Visit CertainTeed.com/Ceilings
Download Technical Brochures
LEED® Information / BIM Objects
3-Part Specs / Data Pages

FEATURES & BENEFITS

- Straight or curved (convex or concave)
- Sturdy extruded aluminum
- Factory mitered corners option
- Integrates with standard ceiling systems
- Engineered to project specifications
- Available in standard white and custom colors

PROFILES



PERIMETER TRIM

SPLICE CLIP CAS-SP

T-JOINT CLIP CAS-TC

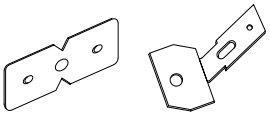
ATTRIBUTES

	DESCRIPTION	LENGTH (INCHES / M)	HEIGHT (INCHES / MM)	FLANGE (INCHES / MM)	RECYCLED CONTENT TOTAL	RECYCLED CONTENT PRE	RECYCLED CONTENT POST
STRAIGHT							
CAS-002	2" Cloud Perimeter Trim	144 / 3.66	1.938 / 49.20	0.75 / 19.05	75%	50%	25%
CAS-004	4" Cloud Perimeter Trim	144 / 3.66	3.829 / 97.30	0.75 / 19.05	75%	50%	25%
CAS-006	6" Cloud Perimeter Trim	144 / 3.66	5.813 / 147.70	0.75 / 19.05	75%	50%	25%
CAS-008	8" Cloud Perimeter Trim	144 / 3.66	7.813 / 198.50	0.75 / 19.05	75%	50%	25%
CAS-010	10" Cloud Perimeter Trim	144 / 3.66	9.813 / 249.30	0.75 / 19.05	75%	50%	25%
CAS-012	12" Cloud Perimeter Trim	144 / 3.66	11.813 / 300	0.75 / 19.05	75%	50%	25%
CURVED							
CAS-002R	Curved 2" Cloud Perimeter Trim	120 / 3.05 net	1.938 / 49.20	0.75 / 19.05	75%	50%	25%
CAS-004R	Curved 4" Cloud Perimeter Trim	120 / 3.05 net	3.829 / 97.30	0.75 / 19.05	75%	50%	25%
CAS-006R	Curved 6" Cloud Perimeter Trim	120 / 3.05 net	5.813 / 147.70	0.75 / 19.05	75%	50%	25%
CAS-008R	Curved 8" Cloud Perimeter Trim	120 / 3.05 net	7.813 / 198.50	0.75 / 19.05	75%	50%	25%
CAS-010R	Curved 10" Cloud Perimeter Trim	120 / 3.05 net	9.813 / 249.30	0.75 / 19.05	75%	50%	25%
CAS-012R	Curved 12" Cloud Perimeter Trim	120 / 3.05 net	11.813 / 300	0.75 / 19.05	75%	50%	25%

Outside and inside corners available (2", 4", 6", 8", 10", 12") x 12" (two 6" legs)

Standard 12' length includes 2 splice clips and 6 T-Joint clips; additional available for order
For radius limitations, contact your local Sales Representative

SYSTEM COMPONENTS



Splice Clip
CAS-SP

T-Joint Clip
CAS-TC

Wall Angle Products

TOOLS

Visit CertainTeed.com/Ceilings
Download Technical Brochures
LEED® Information / BIM Objects
3-Part Specs / Data Pages

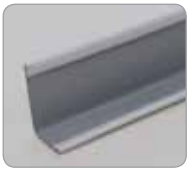
FEATURES & BENEFITS

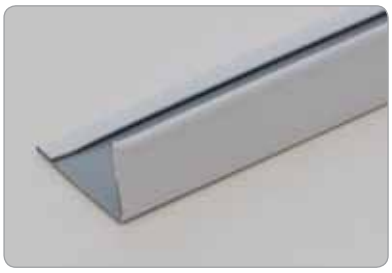
- Variety of wall angle products lends design and installation flexibility
- Standard wall angles to complement popular interior designs
- Shadow moldings produce a reveal-edge look at perimeter installations
- Aluminum wall molding available for high-moisture applications
- Seismic-compliant options available
- WA15-15SAL available in white only
- WA32-15 available in white and black
- SM1020 and SM1000 available in white and black
- WA15-15 and WA15-9 available in white, black and 5 additional colors

Standard White	Black (BLK)	Blondewood (BLW)	Beige Breeze (BEB)	Silver Lining (SIL)	Wet Clay (WEC)	White Wash (WIW)

15/16" WALL ANGLE

9/16" WALL ANGLE

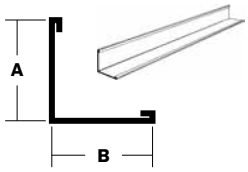




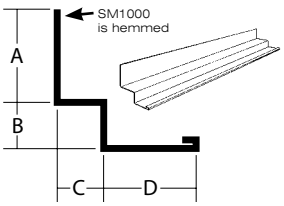
ATTRIBUTES

TRADITIONAL WALL ANGLE – STANDARD	DIMENSIONS L' x A" x B" (MM)	THICKNESS (INCHES) (MM)	RECYCLED CONTENT TOTAL	RECYCLED CONTENT PRE	RECYCLED CONTENT POST	PIECES PER CARTON	FEET PER CARTON
WA15-9	12 x 15/16 x 9/16 (3660 x 24 x 15)	0.018 (0.46)	33%	9%	24%	40	480
WA15-9 BLK	12 x 15/16 x 9/16 (3660 x 24 x 15)	0.018 (0.46)	33%	9%	24%	40	480
WA15-15	12 x 15/16 x 15/16 (3660 x 24 x 24)	0.018 (0.46)	33%	9%	24%	40	480
WA15-15 BLK	12 x 15/16 x 15/16 (3660 x 24 x 24)	0.018 (0.46)	33%	9%	24%	40	480
WA32-15	10 x 15/16 x 2 (3050 x 24 x 50)	0.018 (0.46)	33%	9%	24%	40	400
WA32-15 BLK	10 x 15/16 x 2 (3050 x 24 x 50)	0.018 (0.46)	33%	9%	24%	40	400
WA32-15-12	12 x 15/16 x 2 (3660 x 24 x 50)	0.018 (0.46)	33%	9%	24%	40	480
WA32-15-12 BLK	12 x 15/16 x 2 (3660 x 24 x 50)	0.018 (0.46)	33%	9%	24%	40	480
WA32-32	10 x 2 x 2 (3050 x 50 x 50)	0.018 (0.46)	33%	9%	24%	40	400
WA32-32 BLK	10 x 2 x 2 (3050 x 50 x 50)	0.018 (0.46)	33%	9%	24%	40	400
WA32-32-12	12 x 2 x 2 (3660 x 50 x 50)	0.018 (0.46)	33%	9%	24%	40	480
WA32-32-12 BLK	12 x 2 x 2 (3660 x 50 x 50)	0.018 (0.46)	33%	9%	24%	40	480
SPECIALTY WALL ANGLE – ALUMINUM CAPPED (ALL ALUMINUM)							
WA15-15SAL	12 x 15/16 x 15/16 (3660 x 24 x 24)	0.020 (0.51)	88%	32%	56%	40	480
SHADOW MOLDING	**L' x A" x B" x C" x D" (MM)**						
SM1000	10 x 15/16 x 3/8 x 3/8 x 9/16 (3050 x 24 x 10 x 10 15)	0.020 (0.51)	18%	9%	9%	40	400
SM1000 BLK	10 x 15/16 x 3/8 x 3/8 x 9/16 (3050 x 24 x 10 x 10 15)	0.018 (0.46)	18%	9%	9%	40	400
SM1020	10 x 3/4 x 3/8 x 3/8 x 3/4 (3050 x 19 x 10 x 10 x 19)	0.018 (0.46)	18%	9%	9%	40	400
SM1020 BLK	10 x 3/4 x 3/8 x 3/8 x 3/4 (3050 x 19 x 10 x 10 x 19)	0.018 (0.46)	18%	9%	9%	40	400

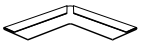
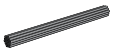
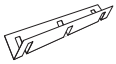
Wall Angle



Shadow Molding



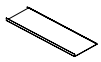
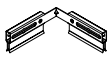
STANDARD ACCESSORIES

	ITEM NUMBER	PRODUCT DESCRIPTION	DIMENSIONS L" x W" x H" (MM)	COLOR	PIECES PER CARTON	WEIGHT (LBS)
	**AHD**	Adjustable Hold Down Clip	1-1/8 x 1/2 x 1-11/16 (29 x 13 x 43)	Metal	1000	16
	**OC15-1**	Outside Corner Cap 15/16" (24 mm)	2-1/4 x 2-1/4 x 1/64 (58 x 58 x 1)	Metal	100	3
	**IC15-1**	Inside Corner Cap 15/16" (24 mm)	2-1/4 x 2-1/4 x 1/64 (58 x 58 x 1)	Metal	100	3
	**HW12**	Hanger Wire 12' (3660 mm) 12 Gauge (2.05 mm)	144 x 12 gauge x 12 gauge (3658 x 12 gauge x 12 gauge)	Metal	141	50
	**STBAR-2**	2' Stabilizer Bar	25-1/4 x 1-1/8 x 1 (642 x 29 x 26)	Metal	40	12
	**STBAR-4**	4' Stabilizer Bar	49-1/4 x 1-1/8 x 1 (1251 x 29 x 26)	Metal	40	25
	**DLC**	Direct Load Clip	1-1/8 x 3-1/16 x 1/16 (29 x 78 x 2)	Metal	150	9
	**SLOTTER1**	Slot Punch	11 x 3-1/4 x 1 (280 x 83 x 26)	Metal	1	2.5

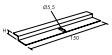
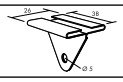
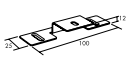
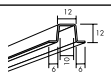
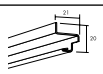
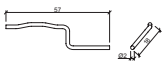
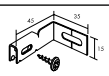
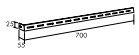
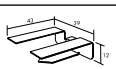
DRYWALL INSTALLATION ACCESSORIES

	**B30**	30-degree Angle Bracket	6-1/2 x 1-15/16 x 1/16 (166 x 50 x 2)	Metal	250	16
	**B45**	45-degree Angle Bracket	6-1/2 x 2-1/2 x 1/16 (166 x 64 x 2)	Metal	250	19
	**B60**	60-degree Angle Bracket	6-1/2 x 3 x 1/16 (166 x 77 x 2)	Metal	250	19
	**B90**	90-degree Angle Bracket	5 x 4-1/16 x 1/16 (127 x 104 x 2)	Metal	250	19
	**DWSC**	Splice Clip	3-7/8 x 1-1/16 x 1/16 (99 x 27 x 2)	Metal	200	9
	**2LC**	2-Layer Drywall Clip	3-7/16 x 3/8 x 1/16 (88 x 10 x 2)	Metal	150	6
	**DFC**	Drywall Fastener Clip	3-3/16 x 5/8 x 1/16 (81 x 16 x 2)	Metal	150	4
	**AS14**	Adjustable Grid Spacer 1-4"	8-15/16 x 1 x 1/16 (228 x 26 x 2)	Metal	100	9
	**AS48**	Adjustable Grid Spacer 4-8"	11-15/16 x 1 x 1/16 (304 x 26 x 2)	Metal	100	14
	**AS814**	Adjustable Grid Spacer 8-14"	15-15/16 x 1 x 1/16 (405 x 26 x 2)	Metal	100	21
	**LBRC**	L-Bracket	2-1/4 x 2-1/4 x 1/16 (58 x 58 x 2)	Metal	200	15
	**DFB**	Direct Fixing Bracket	4-1/2 x 1-1/2 x 1/16 (115 x 39 x 2)	Metal	75	12

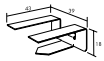
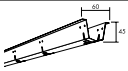
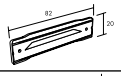
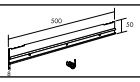
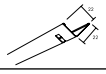
SEISMIC SECURE™ ACCESSORIES

	ITEM NUMBER	PRODUCT DESCRIPTION	DIMENSIONS L" x W" x H" (MM)	COLOR	PIECES PER CARTON	WEIGHT (LBS)
	**SLEEVE1516**	15/16" Sleeve	4 x 15/16 x 1/64 (102 x 24 x 1)	Metal	100	1.25
	**SLEEVE916**	9/16" Sleeve	4 x 9/16 x 1/64 (102 x 15 x 1)	Metal	100	1
	**CTSPC**	Seismic Perimeter Clip	3-1/16 x 2-1/4 x 1-1/16 (78 x 58 x 27)	Metal	100	9
	**CTSTJ**	Seismic Transition Joint Clip	3-1/2 x 3-1/2 x 1-3/16 (89 x 89 x 31)	Metal	100	10

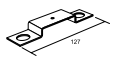
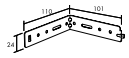
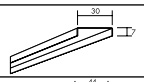
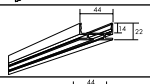
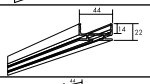
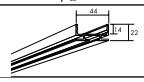
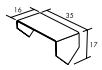
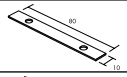
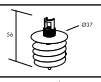
ECOPHON® ACCESSORIES

	**26300043**	Connect Frieze Bracket	2-3/32 x 1-37/64 x 1-3/16 (53 x 40 x 30)	Metal	100	.09
	**26300087**	Connect Wall Spring Spacer	4-11/32 x 5/8 x 63/64 (110 x 16 x 25)	Metal	250	6.05
	**26300149**	Connect Direct Fixing Plate	5-29/32 x 1-3/8 x 1/4 (150 x 35 x 6)	Metal	100	1.45
	**26300172**	Connect Hygiene Clip 20	1-31/32 x 1-37/64 x 1-13/16 (50 x 40 x 46)	Clear Plastic	50	2
	**26300196**	Connect Hold Down Clip Ds	2-61/64 x 43/64 x 1-37/64 (75 x 17 x 40)	Metal	100	2.2
	**26300201**	Connect Baffle Clip	1-1/2 x 1-1/32 x 1-11/32 (38 x 26 x 34)	White	100	2.5
	**26300214**	Connect Fixing Bracket	1-25/32 x 1-21/32 (45 x 42)	Metal	250	13
	**26300219**	Connect Spline, Black	5-29/32 x 1-7/64 (150 x 28)	Black	100	2
	**26300221**	Connect Edge Tool E	5-29/32 x 3-15/16 x 25/32 (150 x 100 x 20)	Wood	1	1
	**26300299**	Connect Direct Fixing Plate	3-15/16 x 63/64 x 31/64 (100 x 25 x 12)	Metal	100	1.45
	**26300362**	Connect Baffle Profile	94-1/2 x 61/64 x 31/64 (2400 x 24 x 12)	White	20	36
	**26300381**	Connect Edge Stiffener Ds	47-3/8 x 51/64 x 53/64 (1204 x 20 x 21)	Metal	12	12
	**26300553**	Connect Space Bar Winch	2.25 in length (57)	Galvanized	200	1
	**26300524**	Connect Wall Bracket T-Profile	1-25/32 x 1-3/8 x 19/32 (45 x 35 x 15)	Metal	50	2
	**26300525**	Connect Wall Bracket Space Bar	27-9/16 x 2-11/64 x 63/64 (700 x 55 x 25)	Metal	10	3
	**26300546**	Connect Edge Clip	1-3/16 x 1-11/32 x 63/64 (30 x 34 x 25)	Metal	12	1
	**26300547**	Connect Support Clip Dg20	1-45/64 x 1-17/32 x 31/64 (43 x 39 x 12)	Metal	50	1

ECOPHON® ACCESSORIES

	ITEM NUMBER	PRODUCT DESCRIPTION	DIMENSIONS L" x W" x H" (MM)	COLOR	PIECES PER CARTON	WEIGHT (LBS)
	**26300548**	Connect Support Clip Dg25	1-45/64 x 1-17/32 x 23/32 (43 x 39 x 18)	Metal	50	1
	**26300577**	Connect Space Bar	96-15/32 x 2-3/8 x 1-25/32 (2450 x 60 x 45)	Metal	10	40
	**26300601**	Connect Installation Gloves	Large	White	12	1
	**26300650**	Connect Wing Distance	7-3/4 x 1-5/8 x 5/64 (197 x 41 x 2)	White	2	0.25
	**26300666**	Connect Hook	5-23/32 x 19/32 x 19/32 (145 x 15 x 15)	Metal	12	0.33
	**26300691**	Edge Sealant White	1 liter	White	1	4
	**26300930**	Connect Distance Hanger	4-21/32 x 2-31/64 x 2-31/64 (118 x 63 x 63)	Metal	1	0.5
	**26300931**	Connect Panel Hook	2-49/64 x 2-49/64 x 1-35/64 (70 x 70 x 39)	Metal	8	1
	**26300933**	Connect Wp Profile Splice	3-15/64 x 51/64 x 9/32 (82 x 20 x 7)	Clear	4	1
	**26300935**	Connect Hook Trim	19-11/16 x 1-31/32 x 21/64 (500 x 50 x 8)	White	2	1.8
	**26300991**	Connect Edge Tool Dg	5-29/32 x 2-9/16 x 2-9/16 (150 x 65 x 65)	Wood	1	1
	**26303315**	Connect Impact Bracing	25-1/4 x 1-1/8 x 1 (643 x 29 x 26)	Metal	25	8
	**26303500**	Edge Sealant Volcanic Dust	1 liter	Volcanic Dust	—	4
	**26303501**	Edge Sealant Vanilla Dream	1 liter	Vanilla Dream	—	4
	**26303502**	Edge Sealant Misty Rose	1 liter	Misty Rose	—	4
	**26303503**	Edge Sealant Soft Slate	1 liter	Soft Slate	—	4
	**26303504**	Edge Sealant Pure Olive	1 liter	Pure Olive	—	4
	**26303505**	Edge Sealant Silver Shadow	1 liter	Silver Shadow	—	4
	**26303506**	Edge Sealant Pale Garden	1 liter	Pale Garden	—	4
	**26303507**	Edge Sealant Silent Sand	1 liter	Silent Sand	—	4
	**26311025**	Connect Adjust Bracket	2-7/8 - 5-23/32 x 1-31/32 x 1-37/64 (73-145 x 50 x 40)	Metal	24	5.5

ECOPHON® ACCESSORIES

	ITEM NUMBER	PRODUCT DESCRIPTION	DIMENSIONS L" x W" x H" (MM)	COLOR	PIECES PER CARTON	WEIGHT (LBS)
	**26311026**	Connect Fixing Plate	5 x 1-3/16 x 31/64 (127 x 30 x 12)	Metal	24	1.5
	**26311040**	Connect L-Coupling	4-11/32 x 4-1/64 x 61/64 (110 x 102 x 24)	Metal	50	1
	**26311050**	Connect Wp Space Bar, Galvanized	94-1/2 x 1-1/64 x 9/32 (2400 x 30 x 7)	Metal	10	10
	**26311051**	Connect Wp Profile, Connect White 03	105-51/64 x 1-47/64 x 7/8 (2687 x 44 x 22)	Metal	8	25
	**26311052**	Connect Wp Profile, Connect Natural 02	105-51/64 x 1-47/64 x 7/8 (2687 x 44 x 22)	Metal	8	25
	**26311054**	Connect Wp Internal Corner, Connect White 03	2-7/8 x 2-7/8 x 1-47/64 (73 x 73 x 44)	White	4	1
	**26311055**	Connect Wp Internal Corner, Connect Grey 02	2-7/8 x 2-7/8 x 1-47/64 (73 x 73 x 44)	Grey	4	1
	**26311056**	Connect Wp Internal Corner, Connect Black 01	2-7/8 x 2-7/8 x 1-47/64 (73 x 73 x 44)	Black	4	1
	**26311057**	Connect Wp External Corner, Connect White 03	2-7/8 x 2-7/8 x 1-47/64 (73 x 73 x 44)	White	4	1
	**26311058**	Connect Wp External Corner, Connect Grey 02	2-17/32 x 2-17/32 x 1-47/64 (64 x 64 x 44)	Grey	4	1
	**26311059**	Connect Wp External Corner, Connect Black 01	2-17/32 x 2-17/32 x 1-47/64 (64 x 64 x 44)	Black	4	1
	**26311074**	Connect Wp Profile, Connect Black 01	105-51/64 x 1-47/64 x 7/8 (2687 x 44 x 22)	Black	8	25
	**26311080**	Connect Perimeter Tile Clip	1-25/64 x 41/64 x 43/64 (35 x 16 x 17)	Metal	100	0.5
	**26311271**	Connect Baffle Anchor	2-63/64 x 1-7/16 x 1-7/16 (76 x 36 x 36)	Metal	10	1
	**26311272**	Connect Spiral Anchor Hook	3-15/16 x 51/64 x 51/64 (100 x 20 x 20)	Metal	10	1
	**26311273**	Connect Spiral Anchor Flat	1-17/64 x 1-3/16 x 53/64 (32 x 30 x 21)	Metal	8	0.5
	**26311768**	Connect Guiding Pin	63/64 x 19/32 x 19/32 (25 x 15 x 15)	White	100	1
	**26311770**	Connect Profile Connector	3-5/32 x 13/32 x 3/64 (80 x 10 x 1)	Metal	50	1.3
	**26472170**	Connect Absorber Anchor	2-7/32 x 1-15/32 x 1-15/32 (56 x 37 x 37)	Metal	8	1
	**26472174**	Connect Adjustable Wire Hanger	78-3/4 x 1/16 (2000 x 1.5)	Metal	24	1.95
	**26472180**	Connect Adjustable Wire Hanger	196-55/64 x 1/16 (5000 x 1.5)	Metal	24	1.8

EXPLANATIONS OF TEST METHODS

The following are brief descriptions of the test methods used to determine data published herein. For complete details of American Society for Testing and Materials (ASTM) test methods write:

ASTM International,
100 Barr Harbor Drive
West Conshohocken
PA 19428-2959
www.astm.org

ASTM E1264 CLASSIFICATION FOR ACCOUSTICAL CEILING PRODUCTS

This standard applies to ceiling products that provide acoustical performance and interior finish in buildings and assists in the selection of acoustical ceiling products. This standard classifies acoustical ceilings by type, pattern, and certain ratings for acoustical performance, light reflectance, and fire safety.

ASTM E580 STANDARD PRACTICE FOR INSTALLATION OF CEILING SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LAY-IN PANELS IN AREAS SUBJECT TO EARTHQUAKE GROUND MOTIONS

This practice covers acoustical ceiling suspension systems and their additional requirements for application in areas subject to light to moderate seismic disturbance such as Uniform Building Code Seismic Zone 2, the BOCA Basic National Building Code where Av is less than 0.20 but greater than 0.10, and the Standard Building Code (SBC) where Av is less than 0.20 but greater than 0.05. This practice also covers areas subject to moderate to severe seismic disturbance such as Uniform Building Code Seismic Zones 3 and 4, the BOCA Basic National Building Code where Av is greater than 0.20, and the SBC where Av is greater than 0.20. The application of this practice is to be determined by local authorities. Current seismic maps published by recognized authorities such as those previously mentioned, as well as related material such as Open File 82-1033 and MS-812 Seismicity Maps, should be consulted. This practice is not intended to stifle research and development of new products or methods which may simplify the application method specified herein. A variation, however, must be substantiated by verifiable engineering data. A ceiling area of 144 ft2 [13m2] or less, surrounded by walls that connect directly to the structure above shall be exempt from this practice.

ICC-ES AC 156 ACCEPTANCE CRITERIA FOR SEISMIC CERTIFICATIONS BY SHAKE-TABLE TESTING OF NONSTRUCTURAL COMPONENTS

The purpose of this criteria is to establish minimum requirements for the seismic certification by shake-table testing of nonstructural components to be recognized in ICC Evaluation Service, LLC, (ICC-ES) evaluation reports in accordance with the 2006 or 2009 International Building Code® (IBC). The basis of recognition is IBC Section 104.11. The reason for the development of this criteria is to provide detailed procedures for seismic certification by testing of nonstructural components as an alternative to code-prescribed requirements.

ICC-ES AC 368 ACCEPTANCE CRITERIA FOR SUSPENDED CEILING FRAMING SYSTEMS

The purpose of this acceptance criteria is to establish requirements for suspended ceiling framing systems to be recognized in an ICC Evaluation Service, LLC (ICC-ES), evaluation report under the 2012, 2009 and 2006 International Building Code (IBC). Bases of recognition are 2012 and 2009 IBC Sections 808, 1613.1, 2506.2.1 and 104.11, and 2006 IBC Sections 803.9, 1613.1, 2506.2.1 and 104.11. The reason for development of this criteria is to clarify requirements in the IBC.

ASTM E119 (ANSI/UL 263, UBC 7-1, NFPA 251, CAN/ULC-S101M) – FIRE RESISTANCE

This testing method measures the ability of a construction to prevent the spread of fire from one building compartment to another while retaining the structural strength properties of the assembly. Fire resistance classifications are given in terms of the length of test time elapsing before one or more limiting criteria is reached. It is important to remember that classifications are established for entire system designs and not for individual components within the design.

ASTM E84 (UL 723, UBC 8-1, NFPA 255, CAN/ULC-S102M) – SURFACE BURNING CHARACTERISTICS

This test procedure is often referred to as the tunnel test method. The purpose of this test is to determine, under controlled laboratory conditions, the comparative surface burning characteristics of the material under test. The flame spread and smoke developed values which are determined by this test method are expressed as single number designations comparing the test sample performance with that of red oak which is 100 and inorganic reinforced cement board which is taken as 0. Observations of flame spread distance and time are recorded. The smoke density at the outlet end of the tunnel is recorded during the test period and is used to calculate the smoke developed values. Fire data provided are determined under controlled laboratory conditions using the ASTM E 84 standard and may not be predictive of the materials performance in actual use.

ASCE 7 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES

This standard defines the magnitudes of loads suitable for the design of buildings and other structures, including dead loads from the weight of construction materials and fixed installations, live loads caused by the user, and environmental loads such as those which arise from the effects of wind, snow, and earthquakes. In addition, the standard develops loading criteria for assuring safety, serviceability, and integrity which are applicable to a wide class of construction technologies.

ASTM C635 AND ASTM C636 COMPOSITION AND INSTALLATION OF METAL CEILING SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LAY-IN PANELS

These two ASTM specifications cover the structural properties of metal ceiling suspension systems and the proper installation techniques for these systems.

INDUSTRY STANDARDS

CertainTeed recommends "Acoustical Ceilings Use and Practice" and "Ceiling Systems Handbook" as references for all specifiers, designers, builders, and others involved in construction where architectural ceilings are to be used.

These booklets, which are published by the Ceilings & Interior Systems Construction Association (CISCA), are helpful guides to the selection and installation of acoustical ceilings.

SIZE TOLERANCES

Ceiling panels are manufactured to size tolerances consistent with the fibrous nature of the product. When installing the tile, the tolerances can become cumulative. (Consult CertainTeed for further information.)

COLORS

Product illustrations have been reproduced with all the color fidelity possible with commercial printing processes. For accuracy in color matching, actual product samples should be examined.

CertainTeed reserves the right to discontinue or change colors without notice and without incurring obligations.

Colored ceilings are dye-lotted and should not be mixed.

CEILING SUSPENSION SYSTEMS STANDARDS AND REQUIREMENTS

STANDARDS

Ceiling suspension components are roll formed to meet or exceed ASTM C 635, and to conform to direct hung structural classifications of Light (5.0-11.9 lbs.), Intermediate (12.0-15.9 lbs.) or Heavy Duty (16.0 or more lbs.). Metal thicknesses comply with the United States Standard Revised Manufacturers Gauge Table, but metal thickness is subject to mill tolerances.

GENERAL INSTALLATION REQUIREMENTS

Suspended ceiling systems are designed and tested for specifications and use in interior applications only. The manufacturer should be consulted for recommendations regarding exterior applications. Installation should be done only when the temperature and humidity closely approximate the interior conditions that will exist when the building is occupied. The heating and cooling systems should be operating to maintain these conditions prior to, during and after installation. Special attention should be given to proper ventilation of the plenum, especially in high moisture areas.

Prior to the start of installation, all exterior windows and doors are to be in place, glazed and weather-stripped, the roof is to be watertight and all wet trades work is to be completed and thoroughly dry. Mechanical, electrical or other utility service work above the ceiling plane are also to be completed. No materials should rest against or wrap around the ceiling suspension components or the wires that suspend or brace them.

All direct hung components are to be properly leveled, suspended and tightly tied with at least three full turns by not less than 12 gauge (2.05 mm) galvanized steel wire. Load test recommendations are not to be exceeded, nor should the components be deflected more than 1/360th of their span.

TESTING AND PRODUCT PERFORMANCE VALUES

CertainTeed has its products tested at the CertainTeed Technical Development Center which has full scale testing capabilities for many of the ASTM tests outlined in this catalog and is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP) for ASTM C 423 and E 1414. The Center is also qualified to participate in the UL Client Test Data Program.

Test data published for the various products, listed in this catalog, were obtained from the Center or from established commercial test laboratories. The Center facilities are calibrated to National Institute of Standards and Technology standard samples. And periodically, the Center test results are compared, on the same samples, with other accredited laboratories.

NOTE

Characteristics, properties or performance of materials or systems manufactured by CertainTeed herein described are derived from data obtained under controlled test conditions. CertainTeed makes no warranties, express or implied, as to their characteristics, properties or performance under any variations from such conditions in actual construction. CertainTeed assumes no responsibility for effects of structural movement.

Any deviation from these instructions voids all warranties, including implied warranties of merchantability and fitness for a particular purpose.

UL Fire Resistive Assemblies

Fire ratings specified in this section pertain to UL Classifications which are based on standard test methods ANSI/UL263, ASTM E119, UBC 7-1, NFPA 251 and CAN/ULC - S101M.

Floor/Ceiling Drywall Assemblies

TYPE OF CONSTRUCTION	MAXIMUM TIME RATING (HRS)	UL DESIGN NUMBER	CONCRETE THICKNESS (INCHES)	NUMBER OF DRYWALL LAYERS	MINIMUM DRYWALL THICKNESS (INCHES)	MAXIMUM FIXTURE PENETRATION (FT^2/100 FT^2)	MAXIMUM DUCT PENETRATION (IN^2/100 FT^2)	DRYWALL GRID SYSTEM
Concrete on metal lath or corrugated steel deck, steel joists	2	**D501**	2-1/2"	1	1/2"	N/A	N/A	CertainTeed DWS (max. 50" cross tee)
Concrete on metal lath or corrugated steel deck, steel joists	2	**D502**	2-1/2"	1	1/2"	24	144	CertainTeed DWS (max. 50" cross tee)
Concrete on metal lath or corrugated steel deck, steel joists	2	**D503**	2-1/2"	1	1/2"	One 6" diameter fixture per 25 ft^2	N/A	CertainTeed DWS (max. 50" cross tee)
Concrete on metal lath or corrugated steel deck, steel joists	2	**G041**	2-1/2"	1	1/2"	15.3	54	CertainTeed DWS (max. 50" cross tee)
Concrete on metal lath or corrugated steel deck, steel joists	1	**G041**	2-1/2"	1	1/2"	15.3	54	CertainTeed DWS (max. 72" cross tee)
Concrete on metal lath or corrugated steel deck, steel joists	2	**G523**	2-1/2"	1	1/2"	24	144	CertainTeed DWS (max. 50" cross tee)
Concrete on metal lath or corrugated steel deck, steel joists	2	**G524**	2-1/2"	1	1/2"	One fixture per 100 ft^2	144	CertainTeed DWS (max. 50" cross tee)
Concrete on metal lath or corrugated steel deck, steel joists	2	**G526**	2-1/2"	1	1/2"	24	56.5	CertainTeed DWS (max. 50" cross tee)
Concrete on metal lath or corrugated steel deck, steel joists	2	**G527**	2-1/2"	1	1/2"	N/A	N/A	CertainTeed DWS (max. 50" cross tee)
Concrete on metal lath or corrugated steel deck, steel joists	1-1/2	**G528**	2-1/2"	1	1/2"	N/A	N/A	CertainTeed DWS (max. 50" cross tee)
Concrete on metal lath or corrugated steel deck, steel joists	2	**G529**	2-1/2"	1	1/2"	24	57	CertainTeed DWS (max. 50" cross tee)
Concrete on metal lath or corrugated steel deck, steel joists	2	**G553**	2-1/2"	1	1/2"	N/A	N/A	CertainTeed DWS (max. 50" cross tee)
Wood Deck	1	**L502**	—	1	1/2"	N/A	99	CertainTeed DWS (max. 50" cross tee)
Wood Deck	1	**L508**	—	1	1/2"	N/A	99	CertainTeed DWS (max. 50" cross tee)
Wood Deck	1	**L513**	—	1	1/2"	N/A	99	CertainTeed DWS (max. 50" cross tee)
Wood Deck	1	**L515**	—	1	1/2"	N/A	99	CertainTeed DWS (max. 50" cross tee)
Wood Deck	1	**L525**	—	1	1/2"	24	113	CertainTeed DWS (max. 50" cross tee)
Wood Deck	1	**L526**	—	1	1/2"	24	100	CertainTeed DWS (max. 50" cross tee)
Wood Deck	1	**L529**	—	1	1/2"	24	113	CertainTeed DWS (max. 50" cross tee)

Note: Refer to UL Fire Resistance Directory for details.

The information contained in this table is intended only to be used as a guide. For detailed time-rated assembly information, refer to the latest Underwriters Laboratories Inc. Fire Resistance Directory: http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/fireressrch.html

UL Fire Resistive Assemblies

Fire ratings specified in this section pertain to UL Classifications which are based on standard test methods ANSI/UL263, ASTM E119, UBC 7-1, NFPA 251 and CAN/ULC - S101M.

Roof/Ceiling Drywall Assemblies

TYPE OF CONSTRUCTION	MAXIMUM TIME RATING (HRS)	UL DESIGN NUMBER	CONCRETE THICKNESS (INCHES)	NUMBER OF DRYWALL LAYERS	MINIMUM DRYWALL THICKNESS (INCHES)	MAXIMUM FIXTURE PENETRATION (FT^2/100 FT^2)	MAXIMUM DUCT PENETRATION (IN^2/100 FT^2)	DRYWALL GRID SYSTEM
BUR, modified or single-ply over steel deck, steel joists	1-1/2	**P506**	—	1	5/8"	24	113	CertainTeed DWS (max. 50" cross tee)
BUR, modified or single-ply over steel deck, steel joists	1	**P508**	—	1	5/8"	24	144	CertainTeed DWS (max. 50" cross tee)
BUR, modified or single-ply over steel deck, steel joists	1	**P509**	—	1	5/8"	24	144	CertainTeed DWS (max. 50" cross tee)
BUR, modified or single-ply over steel deck, steel joists	1-1/2	**P510**	—	1	5/8"	24	113	CertainTeed DWS (max. 50" cross tee)
BUR, modified or single-ply over steel deck, steel joists	1-1/2	**P513**	—	1	5/8"	24	144	CertainTeed DWS (max. 50" cross tee)
BUR, modified or single-ply over steel deck, steel joists	2	**P514**	—	1	5/8"	24	255	CertainTeed DWS (max. 50" cross tee)
BUR, modified or single-ply over steel deck, steel joists	2	**P560**	—	1	5/8"	15.3	54	CertainTeed DWS (max. 50" cross tee)

ULC Fire Resistive Assemblies

Fire Ratings specified in this section pertain to UL Classifications which are based on standard test method ANSI/UL263, ASTM E119, UBC 7-1, NFPA 251, CAN/ULC - S101M

Floor/Ceiling Drywall Assemblies

TYPE OF CONSTRUCTION	MAXIMUM TIME RATING (HRS)	UL DESIGN NUMBER	CONCRETE THICKNESS (INCHES)	NUMBER OF DRYWALL LAYERS	MINIMUM DRYWALL THICKNESS (INCHES)	MAXIMUM FIXTURE PENETRATION (FT^2/100 FT^2)	MAXIMUM DUCT PENETRATION (IN^2/100 FT^2)	DRYWALL GRID SYSTEM
Concrete on metal lath or corrugated steel deck, steel joists	2	**G021**	2.5"	1	1/2"	15.3	54	CertainTeed DWS (max. 50" cross tee)
Concrete on metal lath or corrugated steel deck, steel joists	1	**G021**	2.5"	1	1/2"	15.3	54	CertainTeed DWS (max. 72" cross tee)

Roof/Ceiling Drywall Assemblies

TYPE OF CONSTRUCTION	MAXIMUM TIME RATING (HRS)	UL DESIGN NUMBER	CONCRETE THICKNESS (INCHES)	NUMBER OF DRYWALL LAYERS	MINIMUM DRYWALL THICKNESS (INCHES)	MAXIMUM FIXTURE PENETRATION (FT^2/100 FT^2)	MAXIMUM DUCT PENETRATION (IN^2/100 FT^2)	DRYWALL GRID SYSTEM
BUR, modified or single-ply over steel deck, steel joists	2	**R503**	—	1	5/8"	15.3	54	CertainTeed DWS (max. 50" cross tee)

Note: Refer to UL Fire Resistance Directory for details.

The information contained in this table is intended only to be used as a guide. For detailed time-rated assembly information, refer to the latest Underwriters Laboratories Inc. Fire Resistance Directory: http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/fireressrch.html

UL Fire Resistive Assemblies

Fire ratings specified in this section pertain to UL Classifications which are based on standard test methods ANSI/UL263, ASTM E119, UBC 7-1, NFPA 251 and CAN/ULC - S101M

Floor/Ceiling Acoustical Assemblies

TYPE OF CONSTRUCTION	MAXIMUM TIME RATING (HRS)	UL DESIGN NUMBER	CONCRETE THICKNESS (INCHES)	PANEL SIZE (INCHES)	PANEL TYPE[2]	EDGE DETAIL ALLOWED[3]	PANEL OR TILE THICKNESS (INCHES)	MAXIMUM FIXTURE AREA (FT^2/100 FT^2)	MAXIMUM DUCT AREA (IN^2/100 FT^2)	GRID SYSTEM
Concrete on metal lath or corrugated steel deck, steel joists	2	**G208**	2-1/2"	24 x 24 24 x 36 24 x 48 24 x 60 20 x 60	Wet-felted / G2	T, R, G	5/8", 3/4"	25	576	15/16" FireSecure Stab
Concrete on metal lath, steel joists	2	**G218**	2-1/2"	24 x 24 24 x 36 24 x 48	Wet-felted / G2	T, R, G	5/8", 3/4"	25	576	15/16" FireSecure Stab
Concrete on metal lath, steel joists	2	**G248**	2-1/2"	24 x 24 24 x 36 24 x 48	Wet-felted / G2	T, R, G	5/8", 3/4"	—	—	15/16" FireSecure Stab
Concrete on metal lath or corrugated steel deck, steel joists	2	**G255**	2-1/2"	24 x 48 20 x 60	Wet-felted / G2	T, R, G	5/8", 3/4"	24	576	15/16" FireSecure Stab
Wood deck	1	**L201**	—	24 x 24 24 x 36 24 x 48	Wet-felted / G2	T, R	5/8", 3/4"	8	25	15/16" FireSecure Stab

Roof/Ceiling Acoustical Assemblies

TYPE OF CONSTRUCTION	MAXIMUM TIME RATING (HRS)	UL DESIGN NUMBER	CONCRETE THICKNESS (INCHES)	PANEL SIZE (INCHES)	PANEL TYPE[2]	EDGE DETAIL ALLOWED[3]	PANEL OR TILE THICKNESS (INCHES)	MAXIMUM FIXTURE AREA (FT^2/100 FT^2)	MAXIMUM DUCT AREA (IN^2/100 FT^2)	GRID SYSTEM
BUR, modified or single-ply over steel deck, steel joists	1	**P204**	N.A.	24 x 24 24 x 36 24 x 48	Wet-felted / G2	T, R	5/8", 3/4"	16	57	15/16" FireSecure Stab
BUR, modified, single-ply or metal over steel deck, steel joists	1.5	**P259**	N.A.	24 x 24 24 x 36 24 x 48 20 x 60	Wet-felted / G2	T, R	5/8", 3/4"	24	576	15/16" FireSecure Stab
BUR, modified or single-ply over gypsum concrete, steel joists	1	**P260**	—	24 x 48	Wet-felted / G2	T	5/8", 3/4"	16	288	15/16" FireSecure Stab
BUR, modified or single-ply over cellular, vermiculite or perlite concrete, steel joists	1	**P261**	—	24 x 24 24 x 36 24 x 48 20 x 60	Wet-felted / G2	T	5/8", 3/4"	24	113	15/16" FireSecure Stab
BUR, modified or single-ply over insulating concrete, steel deck, steel joists	1	**P264**	2-1/4"	24 x 48	Wet-felted / G2	T	5/8", 3/4"	24	255	15/16" FireSecure Stab
BUR, modified, single-ply or metal over mineral fiber or gypsum boards, steel deck, steel joists	2	**P266**	—	24 x 48	Wet-felted / G2	T	5/8", 3/4"	24	576	15/16" FireSecure Stab

PANEL TYPES:

1. Class A, B or C roof coverings may be applied directly to the concrete or wood surface of floor/ceiling designs being used as roof/ceiling designs without a reduction of the fire resistance rating.
2. Wet-Felted / G2: Protectone® — Baroque™, Baroque™ Customline®, Cashmere®, Directional Fissured, Fine Fissured, Fine Fissured Customline®, School Board®, Vantage 10™.
3. Edge Detail Types: T =Trim (Square) Edge; R = Reveal Edge; G = Reveal Edge, Grooved Face (Customline®).

Note: Refer to UL Fire Resistance Directory for details.

The information contained in this table is intended only to be used as a guide. For detailed time-rated assembly information, refer to the latest Underwriters Laboratories Inc. Fire Resistance Directory: http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/fireressrch.html

ULC Fire Resistive Assemblies

Fire ratings specified in this section pertain to ULC Classifications which are based on standard test methods ANSI/UL263, ASTM E119, UBC 7-1, NFPA 251 and CAN/ULC - S101M

Floor/Ceiling Acoustical Assemblies

TYPE OF CONSTRUCTION	MAXIMUM TIME RATING (HRS)	ULC DESIGN NUMBER	CONCRETE THICKNESS (mm)	PANEL SIZE (mm)	PANEL TYPE[2]	EDGE DETAIL ALLOWED[3]	PANEL OR TILE THICKNESS (mm)	MAXIMUM FIXTURE AREA (M^2/10 M^2)	MAXIMUM DUCT AREA (M^2/10 M^2)	GRID SYSTEM
Concrete on corrugated steel deck	2	**D203**	—	600 x 600 600 x 1200 500 x 1500	Wet-felted / G2	T	16	2.5	0.035	15/16" FireSecure Stab
Concrete on corrugated steel deck	2	**D205**	—	600 x 1200 500 x 1500	Wet-felted / G2	T	16	2.5	—	15/16" FireSecure Stab
Concrete on metal lath, steel joists	2	**G208**	—	600 x 600 600 x 1200 600 x 1500 500 x 1500	Wet-felted / G2	T	16	2.5	0.4	15/16" FireSecure Stab
Concrete on metal lath, steel joists	2	**G218**	—	600 x 600 600 x 1200 500 x 1500	Wet-felted / G2	T	16	2.5	0.4	15/16" FireSecure Stab
Concrete on metal lath, steel joists	2	**I210**	—	600 x 600 600 x 1200 500 x 1500	Wet-felted / G2	T	16	—	—	15/16" FireSecure Stab
Concrete on metal lath, steel joists	2	**I211**	—	600 x 600 600 x 1200 500 x 1500	Wet-felted / G2	T	16	0.8	0.017	15/16" FireSecure Stab
Wood deck	1	**L201**	—	600 x 600 600 x 1200 500 x 1500	Wet-felted / G2	T	16	0.8	0.02	15/16" FireSecure Stab

Roof/Ceiling Acoustical Assemblies

TYPE OF CONSTRUCTION	MAXIMUM TIME RATING (HRS)	ULC DESIGN NUMBER	CONCRETE THICKNESS (mm)	PANEL OR TILE SIZE (mm)	PANEL OR TILE TYPE[2]	EDGE DETAIL ALLOWED[3]	PANEL OR TILE THICKNESS (mm)	MAXIMUM FIXTURE AREA (M^2/10 M^2)	MAXIMUM DUCT AREA (M^2/10 M^2)	GRID SYSTEM
BUR, modified or single-ply over gypsum board, steel deck, steel joists	1	**R224**	—	600 x 600 600 x 1200	Wet-felted / G2	T	16	1.6	0.21	15/16" FireSecure Stab

PANEL TYPES:

1. Class A, B or C roof coverings may be applied directly to the concrete or wood surface of floor/ceiling designs being used as roof/ceiling designs without a reduction of the fire resistance rating.
2. Wet-Felted/G2: Protectone® – Baroque™, Baroque™ Customline®, Cashmere®, Directional Fissured, Fine Fissured, Fine Fissured Customline®, School Board®, Vantage 10™.
3. Edge Detail Types: T =Trim (Square) Edge; R = Reveal Edge; G = Reveal Edge, Grooved Face (Customline®).

Note: Refer to UL Fire Resistance Directory for details.

The information contained in this table is intended only to be used as a guide. For detailed time-rated assembly information, refer to the latest Underwriters Laboratories Inc. Fire Resistance Directory: http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/fireressrch.html

CERTAINTEED CEILINGS SUSPENSION SYSTEMS: 10-YEAR LIMITED WARRANTY

PRODUCTS COVERED

This limited warranty covers the following Suspension Systems: Classic Hook, Classic Stab, Classic Aluminum Capped Hook, Classic Aluminum Capped Stab, Classic Environmental, Elite Narrow Stab, Smoothline Bolt Slot, Cloud Perimeter Trim and FireSecure™ Classic Stab.

10-YEAR WARRANTY

CertainTeed Corporation warrants for 10 years from the date of installation that its Ceiling Suspension Systems, described above, shall not incur 50% red rust as defined by ASTM B 117 test procedures during the 10 years of this limited warranty. This limited warranty is subject to further conditions outlined below:

TERMS AND CONDITIONS

1. The Suspension Systems must be installed in accordance with ASTM C 636, all applicable CertainTeed Ceilings recommendations in effect at the time of installation and installation procedures as described in the Ceiling Systems Handbook published by the Ceiling & Interior Systems Construction Association (CISCA).

2. The temperature where the Suspension System is installed must not exceed 104 degrees Fahrenheit (40 degrees C) and the relative humidity where the following Suspension Systems are installed should not exceed 95% for Classic Aluminum Capped System, 100% for Environmental Aluminum System and 90% for all other Suspension Systems. Following installation, the environmental conditions where the Suspension System is installed must be controlled within these stated temperature and relative humidity limits. Any deviation from these limits in the building or portions of the building shall void the warranty.

3. These systems cannot be used in exterior applications, where standing water is present or where moisture will come in direct contact with the Suspension System.

4. The Suspension System must not come in contact with water or water vapor from any source including, but not limited to, condensation, leaking pipes and/or ducts or steam.

5. Prior to installation, the Suspension Systems must be stored in a dry and clean area, protected from damage caused by rain, snow, and excessive moisture. The Suspension Systems also must be protected against damage, impacts and abrasions while on the construction site.

6. The plenum must not be vented to the outside air in such a way as to allow humidity above warranty conditions to exist within the plenum.

ANY DEVIATION FROM THE TERMS AND CONDITIONS ABOVE SHALL VOID THE WARRANTY.

EXCLUSIONS

Damage caused by improper maintenance, abuse, and fire; exposure to smoke, fumes, chemical vapors, exterior elements, freezing temperatures and vibration; and normal wear and tear is not covered by this warranty.

This warranty excludes special, indirect, incidental and consequential damages of any kind.

WHAT THE CUSTOMER MUST DO

Should the CertainTeed Ceilings Suspension System incur at least 50% red rust during the warranty period, written notice must be given to CertainTeed within 30 days after first observing this condition to the following address: CertainTeed Ceilings, Technical Services, P.O. Box 860, Valley Forge, PA 19482. If upon investigation, CertainTeed finds that the red rust is caused by manufacturing defects and is covered under this warranty, the customer's sole remedy and CertainTeed's sole liability shall be limited to CertainTeed furnishing a replacement Suspension System, determined by CertainTeed to be of the same or similar type and grade in an amount equal to that which CertainTeed found to be defective. CertainTeed shall not be responsible for any costs related to the installation, removal or replacement of Suspension Systems.

LIMITATIONS

THE FURNISHING OF REPLACEMENT SUSPENSION SYSTEMS SHALL CONSTITUTE THE TOTAL LIABILITY OF CERTAINTEED AND THE EXCLUSIVE REMEDY OF CUSTOMER. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. LIABILITY IS LIMITED TO THE ABOVE AND CERTAINTEED SHALL IN NO EVENT BE LIABLE FOR LABOR CHARGES, INCLUDING BUT NOT LIMITED TO LABOR CHARGES IN CONNECTION WITH REMOVAL OR REPLACEMENT OF SUSPENSION SYSTEMS. CERTAINTEED SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING DAMAGE TO THE PROPERTY, THE BUILDING OR ITS CONTENTS, OR FOR INJURY TO ANY PERSONS AS A RESULT OF THE USE OF CERTAINTEED SUSPENSION SYSTEMS OR AS A RESULT OF THE BREACH OF THIS WARRANTY.

CertainTeed reserves the right to discontinue or modify any of its products, including the color thereof, without notice and shall not be liable as a result of such discontinuance or modification, nor shall CertainTeed be liable in the event replacement material varies in color in comparison to the original product. If CertainTeed replaces any material under this warranty, it may substitute products designated by CertainTeed to be of comparable quality or price range in the event the product initially installed has been discontinued or modified.

This limited warranty gives you specific legal rights and you may also have other rights, which vary from jurisdiction to jurisdiction.

No representative of CertainTeed or third party has the authority to make any representation or promise with respect to this limited warranty except as stated herein.

CERTAINTEED ACOUSTICAL CEILINGS: 1-YEAR LIMITED WARRANTY

PRODUCTS COVERED

This limited warranty covers the following products: Avalon; Avalon Fire Rated; Baroque™ (BET/PBT); Cashmere® Customline® (CDS/CDSN); Directional Fissured (FH/PFH); Rio; Grenada; Landmark™; Serene™.

1-YEAR LIMITED WARRANTY

CertainTeed Ceilings Corporation warrants its Acoustical Ceiling Panels against visible sag, warping, shrinking, buckling and delamination as a direct result of manufacturing defects for one (1) year from the date of installation of the ceiling panels subject to the terms and conditions set forth below:

TERMS AND CONDITIONS

1. The ceiling panels must be installed in accordance with all applicable CertainTeed recommendations in effect at the time of installation, using approved installation procedures described in the Ceiling Systems Handbook published by the Ceilings & Interior Systems Construction Association.

2. The ceiling panels must be installed only in areas where the temperature and humidity conditions do not exceed 60-85 degrees Fahrenheit (16-29 degrees C) and 70% relative humidity following installation with the environmental conditions being controlled within those limits. Any deviation from those limits in the building or portions of the building shall void the warranty.

3. No water or water vapor from sources including, but not limited to, condensation, leaking pipes and/or ducts or steam must come in contact with the ceiling panels or suspension system.

4. Except for fiberglass insulation installed in accordance with CertainTeed recommendations, the ceiling panels must not be used to support any other material, including, but not limited to, light fixtures or mechanical equipment.

5. Prior to installation, the ceiling panels must be stored in a dry and clean area, protected from possible damage caused by rain, snow, and excessive moisture. The ceiling panels must also be protected against possible impacts and abrasions while on the construction site.

6. The plenum space above the ceiling panels must not be used as a duct to supply conditioned air to the building. Also, the plenum shall not be vented to the outside air in such a way as to allow humidity above the limits set forth in this warranty to exist within the plenum.

7. No applied finishes, including, but not limited to, paint, varnish or other coating, shall be applied to the manufacturer's original finish.

In the event of ceiling panel material replacement pursuant to the above terms, the original warranty shall apply to the replacement material and will extend for the balance of the warranty period in effect at the same time the material proved defective. Ceiling panel material shall not be considered defective with respect to color, so long as the color at the time of installation does not vary unreasonably from the material sample.

ANY DEVIATION FROM THE TERMS AND CONDITIONS ABOVE VOIDS THE WARRANTY.

EXCLUSIONS

Damage caused by improper maintenance; abuse; fire; exposure to smoke, fumes, chemical vapors, exterior elements, freezing temperatures, and vibrations; and normal wear and tear is not covered by this warranty.

This warranty excludes consequential damages.

WHAT THE CUSTOMER MUST DO

Should CertainTeed's ceiling panels visibly sag, warp, shrink, buckle or delaminate during the warranty period, written notice must be given within 30 days after first observing any of these conditions to the following address: CertainTeed Ceilings Corporation, Technical Services Department, P.O. Box 860, Valley Forge, PA 19482 USA. If upon investigation, CertainTeed finds that the visible sagging, warping, shrinking, buckling or delamination is caused by manufacturing defects and is covered under this warranty, customer's sole remedy and CertainTeed's sole liability shall be limited to CertainTeed furnishing replacement ceiling panels of the same or similar type and grade in an equal number to that which is determined to be defective. CertainTeed does not warrant that the replacement ceiling panels will match the exact color of the remaining in-place panels. CertainTeed shall not be responsible for any installation or replacement costs.

LIMITATIONS

THE FURNISHING OF REPLACEMENT PANELS SHALL CONSTITUTE THE TOTAL LIABILITY OF CERTAINTEED AND THE EXCLUSIVE REMEDY OF CUSTOMER. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. LIABILITY IS LIMITED TO THE ABOVE AND CERTAINTEED SHALL IN NO EVENT BE LIABLE FOR LABOR CHARGES, INCLUDING BUT NOT LIMITED TO LABOR CHARGES IN CONNECTION WITH REMOVAL OR REPLACEMENT OF CEILING PANELS. CERTAINTEED SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING DAMAGE TO THE PROPERTY, THE BUILDING OR ITS CONTENTS, OR FOR INJURY TO ANY PERSONS AS A RESULT OF THE USE OF CERTAINTEED ACOUSTICAL CEILING PANELS OR AS A RESULT OF THE BREACH OF THIS WARRANTY.

CertainTeed reserves the right to discontinue or modify any of its products, including the color thereof, without notice and shall not be liable as a result of such discontinuance or modification, nor shall CertainTeed be liable in the event replacement material varies in color in comparison to the original product. If CertainTeed replaces any material under this warranty, it may substitute products designated by CertainTeed to be of comparable quality or price range in the event the product initially installed has been discontinued or modified.

This limited warranty gives you specific legal rights and you may also have other rights, which vary from jurisdiction to jurisdiction.

No representative of CertainTeed or third party has the authority to make any representation or promise with respect to this limited warranty except as stated herein. CertainTeed reserves the right to discontinue or modify any of its products, including color thereof, without notice, and shall not be liable as a result of such discontinuance or modification.

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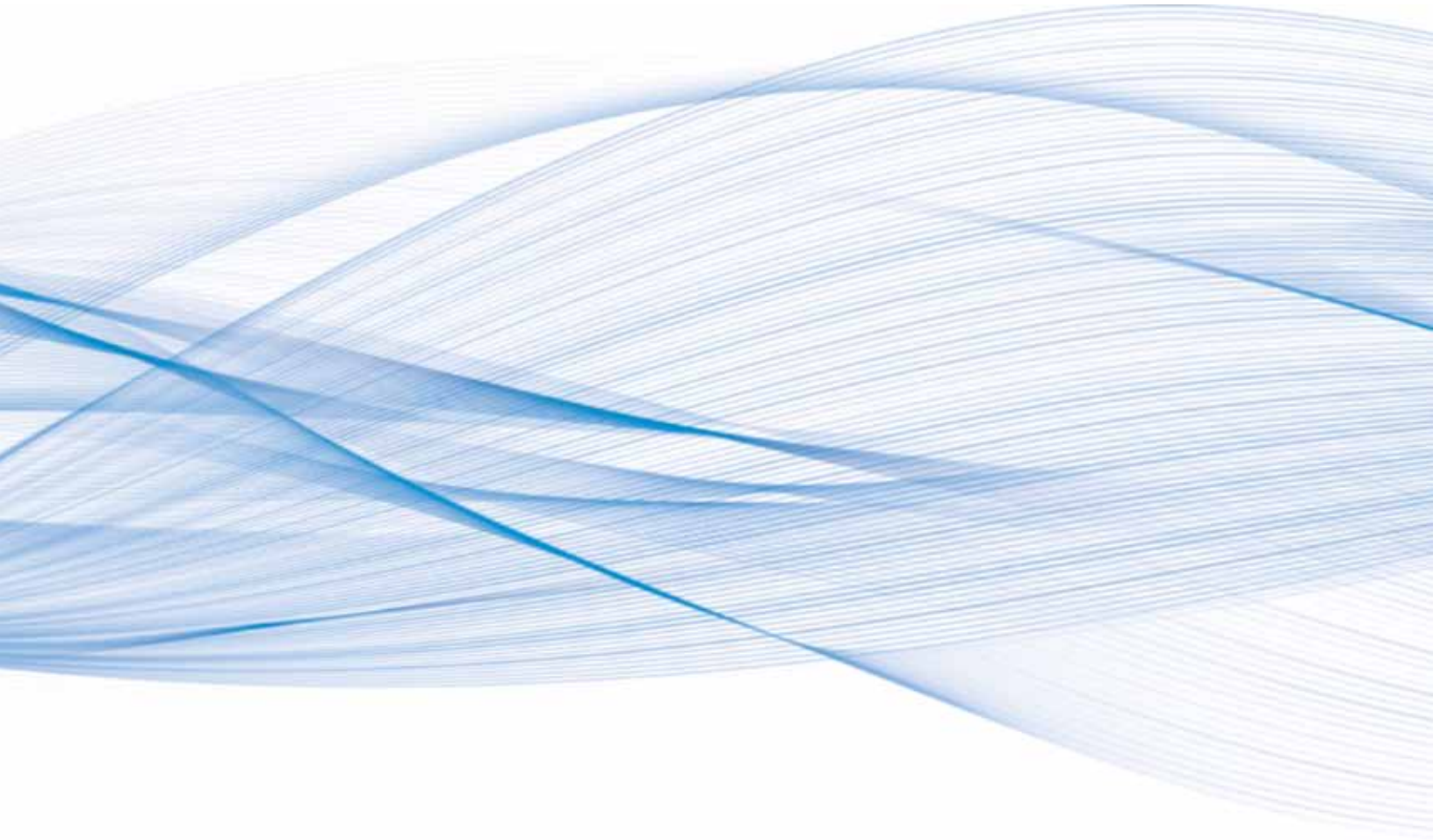

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