

FRAMEALL® Flat Drywall Grid

Flat Suspension System

drywall / stucco / plaster / AcoustiBuilt®

*A FrameAll®
Drywall Grid Solution*



FrameAll Grid suspension system

FrameAll® Drywall Grid is 3x faster than traditional track and channel framing – saving you time and labor.



KEY SELECTION ATTRIBUTES

- Some components available in High Recycled Content (HRC): Total Recycled Content 61%, Post-consumer 53%, Pre-consumer 8%
- Non-HRC items have 30% recycled content
- PeakForm® profile increases strength and stability for improved performance during installation
- XL* (staked-on end detail) cross tees provide secure locked connection; fast and easy to install
- SuperLock™ main beam clip is engineered for a strong, secure connection and fast, accurate alignment confirmed with an audible click; easy to remove and relocate
- ScrewStop™ reverse hem prevents screw spin off on 1-1/2" wide face
- Knurled Ridges on cross tees improve screw grab during board application
- LAM for soffits available to speed up soffit installation
- FrameAll Drywall Grid is part of the Sustain™ portfolio and meets the most stringent industry sustainability compliance standards today
- All FrameAll Grid is rotary stitched during manufacturing for strength and durability
- All drywall components minimum 0.018 steel thickness and minimum G40 hot-dipped galvanized coating, per ASTM C645

- Wind uplift construction available
- Accommodates stud, track, hat channel, wood, or other supplemental framing
- Fire Guard™ components meet broad range of UL* design assemblies (XL7936G90 is not fire rated)
- 10-Year Limited System Warranty, 30-Year Limited Ceiling Systems Warranty
- G90 hot-dipped galvanized coating is available for exterior applications (HD8906G90, XL8945PG90, XL8947PG90, XL8965G90, XL7936G90)
- HD8906IIC main beam accepts integral Impact Isolation Clips (IIC) to provide up to eight points of IIC improvement.
- Reduces embodied carbon up to 76% versus traditional framing
- Sourced and manufactured in the USA

TYPICAL APPLICATIONS

- Indoor/outdoor applications
- Soffits/special transitions
- High visibility areas
- Combination drywall and acoustical panel or tile ceilings
- Barrel vaults and domes
- Wet installations (stucco/plaster)

MATERIALS

Meets ASTM A653 for zinc-coated hot dipped galvanized steel. Surfaces are chemically cleansed, zinc-coated, and prefinished. Materials also conform to the performance standard ASTM C645 (Standard Specification for Rigid Furring Channels for Screw Applications of Gypsum Board) and ASTM C635 for Specification for manufacturing and performance of Metal Suspension systems.

FIRE RESISTANCE RATING

Meets a broad range of UL design assemblies: D501, D502, G523, G524, G526, G527, G528, G529, I504, I512, I518, J502, L502, L508, L513, L515, L525, L526, L529, L564, P501, P506, P507, P508, P509, P510, P513, P514, P516 (XL7936G90 and SP135 are not fire rated).

NOTE: See UL Directory for details on specific designs.

VISUAL SELECTION

	Item No.	Length	Height
Drywall Main Beams – Imperial	HD8906	144"	1-11/16"
	HD8906HRC		
	HD8906G90		
	HD8906IIC		
	HD890610	120"	1-11/16"
	SP135 (G90 Stucco)	135"	1-11/16"

	Item No.	Length	Height
Drywall Main Beams – Metric	HD7940*	3600mm	43mm
	7940G*	3600mm	43mm

PACKAGING

Pcs./ Ctn.	LF./ Ctn.
12	144
12	120
12	135
12	138.80
12	141.73

LOAD TEST DATA (LBS./LF)					
L/240 Simple Span			L/360 Simple Span		
24"	36"	48"	24"	36"	48"
120.0	48.95	28.14	95.5	43.19	18.66
120.0	48.95	28.14	95.5	43.19	18.66
139.85	52.59	28.71	95.5	43.19	18.66

LOAD TEST DATA (KG./LM)					
L/240 Simple Span			L/360 Simple Span		
24"	36"	48"	24"	36"	48"
609.60mm	914.40mm	1219.20mm	609.60mm	914.40mm	1219.20mm
213.2	72.83	72.83	142.12	64.27	27.77
153.8	73.57	73.57	102.52	49.05	21.24

Red Numbers are Fire Guard items. For fire-rated assemblies, use Type C gypsum board as noted in the UL* fire-rated assembly designs.
NOTE: All load test data based on flat installation per ASTM C635.
* These items are NOT Type F fixture compatible

ASTM Class
HD – Heavy-duty
ID – Intermediate-duty
LD – Light-duty

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Declare.

RECYCLED
CONTENT

UP TO
61%

LEED V5

Ecomedes Data

COMMON MATERIALS FRAMEWORK

Human Health

Declare Label

Climate Health

EPD

HPD

Ecosystem Health

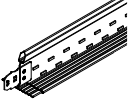
EPD

3rd Party CDPH

Circular Economy



VISUAL SELECTION

	Item No.	Length	Height
	XL8965 XL8965HRC XL8965G90	72"	1-1/2"
	XL8947P XL8947PG90	50"	1-1/2"
	XL8945P XL8945PHRC XL8945PG90	48"	1-1/2"
	XL8940	40"	1-1/2"
	XL7936G90*	36"	1-1/2"
	XL8926 XL8926G90	24"	1-1/2"

PACKAGING

Pcs./ Ctn.	LF/ Ctn.
36	216
36	150
36	144
36	119
36	108
36	72

LOAD TEST DATA (LBS./LF)

L/240 Simple Span	L/360 Simple Span
6.87 @ 72"	4.58 @ 72"
19.5 @ 50"	12.79 @ 50"
22.5 @ 48"	14.27 @ 48"
36.22 @ 40"	24.15 @ 40"
45.7 @ 36"	31.33 @ 36"
119.0 @ 24"	90.25 @ 24"

	Item No.	Length	Height
Drywall Cross Tees – Metric	XL7961*	1600mm	38mm
	XL7930*	1200mm	38mm
	XL7925*	900mm	38mm
	XL7920*	600mm	38mm

Pcs./ Ctn.	LF/ Ctn.
36	188.90
36	138.80
36	108
36	69.40

LOAD TEST DATA (LBS./LF)

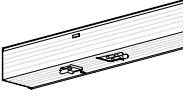
L/240 Simple Span	L/360 Simple Span
10.25 @ 72"	6.84 @ 72"
22.4 @ 48"	14.93 @ 48"
51.92 @ 36"	34.61 @ 36"
114.59 @ 24"	79.39 @ 24"

LOAD TEST DATA (KG./LM)

L/240 Simple Span	L/360 Simple Span
15.21 @ 1600mm	10.15 @ 1600mm
33.48 @ 1200mm	21.24 @ 1200 mm
68.01 @ 900 mm	46.62 @ 900mm
177.15 @ 600mm	134.31 @ 600mm

Red Numbers are Fire Guard items. For fire-rated assemblies, use Type C gypsum board as noted in the UL® fire-rated assembly designs.
NOTE: All load test data based on flat installation per ASTM C635.
* These items are NOT Type F fixture compatible

ASTM Class
HD – Heavy-duty
ID – Intermediate-duty
LD – Light-duty

	Item No.	Length	Height	Metal Thickness	Pcs./ Ctn.	LF/ Ctn.
	7858	144"	15/16"	0.018"	20	240
	LAM12	144"	1-1/4"	0.018"	20	240
	LAM12HRC	144"	1-1/4"	0.018"	20	240
	LAM151220E	144"	1-1/2"	0.028"	10	120

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COMMON MATERIALS FRAMEWORK

Human Health

Declare Label

HPD

3rd Party CDPH

Climate Health

EPD

Ecosystem Health


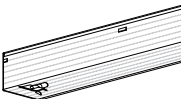
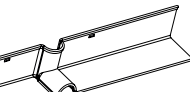
EPD

Circular Economy

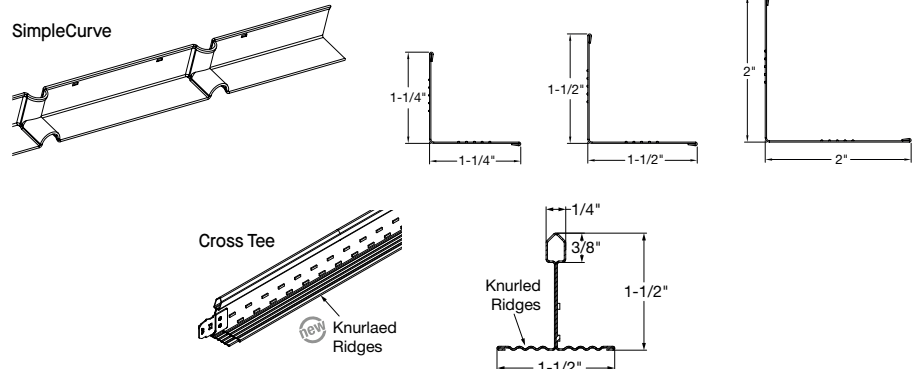
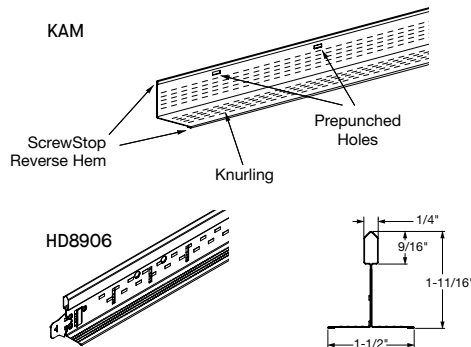


VISUAL SELECTION

PACKAGING

	Item No.	Length	Height	Metal Thickness	Pcs./ Ctn.	LF/ Ctn.
Locking Angle Molding for Soffits	 LAM151220ES	144"	1-1/2"	0.028"	10	120
						
Knurled Angle Molding	KAM10	120"	1-1/4"	0.018"	10	100
	KAM12	144"	1-1/4"	0.018"	10	120
	KAM12G90	144"	1-1/4"	0.018"	10	120
	KAM1510	120"	1-1/2"	0.018"	10	100
	KAM1512	144"	1-1/2"	0.018"	10	120
	KAM151020E	120"	1-1/2"	0.028"	10	100
	KAM151220E	144"	1-1/2"	0.028"	10	120
	KAM151020	120"	1-1/2"	0.033"	10	100
	KAM1525G90	120"	1-1/2"	0.018"	10	100
	KAM1520G90	120"	1-1/2"	0.033"	10	100
	KAM21025	120"	2"	0.018"	10	100
	KAM21020EQ	120"	2"	0.028"	10	100
	KAM21020	120"	2"	0.033"	10	100
	SimpleCurve® KAM	SC151220EQ (37" Radius)	148"	1-1/2"	0.028"	10
SC151225 (32" Radius)		148"	1-1/2"	0.018"	10	124
SC21220EQ (55" Radius)		148"	2"	0.028"	10	124
SC21225 (40" Radius)		148"	2"	0.018"	10	124
						

NOTE: .018" metal thickness meets ASTM C645 for framing



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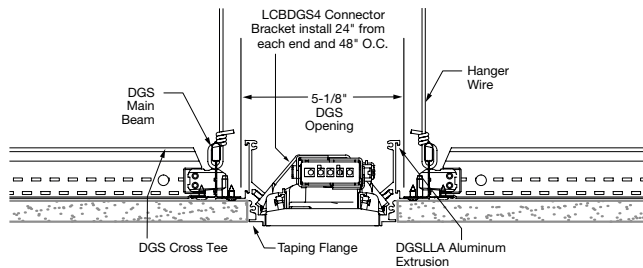
COMMON MATERIALS FRAMEWORK

Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓

DRYWALL LINEAR LIGHTING

Item No.	Description	Fixture Length
DGSLTK24	2' Linear Light Trim Kit	24" x 4"
DGSLTK30	2' – 6" Linear Light Trim Kit	30" x 4"
DGSLTK48	4' Linear Light Trim Kit	48" x 4"
DGSLTK60	5' Linear Light Trim Kit	60" x 4"
DGSLTK72	6' Linear Light Trim Kit	72" x 4"
DGSLTK90	7' – 6" Linear Light Trim Kit	90" x 4"
DGSLTK96	8' Linear Light Trim Kit	96" x 4"
DGSLTK120	10' Linear Light Trim Kit	120" x 4"
DGSLTKCON	10' Continuous Linear Light Trim Kit	10'

NOTE: Linear Light Trim Kits designed to work with 5/8" drywall



CASTWORKS™ GFRG ACCESS PANELS FOR 5/8" DRYWALL

Item No.*	Description	Detail
AS0300S02T5G0CPG	12 x 12 x 5/8" Squared Corners Lay-in	
AS0300S04T5G0CPG	18 x 18 x 5/8" Squared Corners Lay-in	
AS0300S05T5G0CPG	24 x 24 x 5/8" Squared Corners Lay-in	
AS0300R02T5G0CPG	12 x 12 x 5/8" Rounded Corners Lay-in	
AS0300R04T5G0CPG	18 x 18 x 5/8" Rounded Corners Lay-in	
AS0300R05T5G0CPG	24 x 24 x 5/8" Rounded Corners Lay-in	

See more Access Panel options at: armstrongceilings.com/castworksaccesspanels

* Castworks Access panels are available in 5/8" for drywall and 7/8" for AcoustiBuilt

SEISMIC PERFORMANCE

Main Beams	Minimum Lbs. To Pull Out Compression/Tension
HD8906/HD890610 / HD8906HRC	332.3
HD8906IIC	332.3
XL8926, XL7936G90, XL8945PHRC, XL8945P, XL8947P, XL8965HRC	380.1

ICC REPORTS

For areas under ICC jurisdiction, see ICC evaluation report number ESR-1289 for allowable values and/or conditions of use concerning the suspension system components listed on this page. The report is subject to reexamination, revisions, and possible cancellation.

For fixture weight and UL® listings, see Drywall Grid Systems for Flat Applications Technical Guide BPCS-3539.

TechLine / 1 877 276-7876
armstrongceilings.com/drywall
BPCS-3081-1025

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