







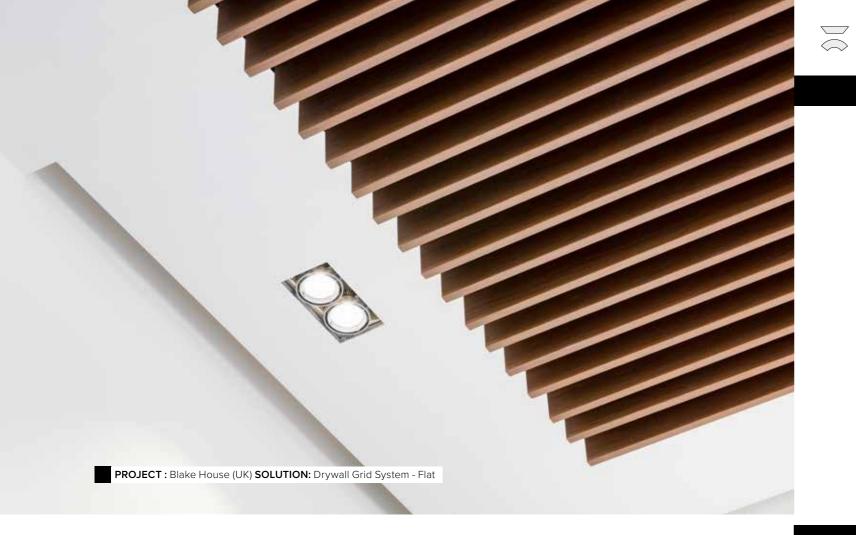
## INDEX DGS FLAT & CURVED DRYWALL GRID SYSTEM

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## **DGS** SHORTSPAN DRYWALL GRID SYSTEM

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## **FEATURES AND BENEFITS**

## 38MM GRID SYSTEMS FOR FLAT OR CURVED PLASTERBOARD CEILING

#### **PEAKFORM**

Patented profile increases strength and stability for improved performance during installation which is also easier to cut.

#### SUPERLOCK

Main Runner 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 the face.

#### XL<sup>2</sup> CLIP

Cross-tees with XL<sup>2</sup> stab clip for secured, easy and fast installation without accessories.

#### KNURLED FACE

Main Runners and Cross Tees - easy installation of screw applied Gypsum board.

#### **ROTARY STITCHED**

For additional torsional strength and stability.

### FIRE RATING

Armstrong have an ongoing fire testing programme. Please contact Armstrong Technical Sales Group for most recent structural fire tests.

#### PHYSICAL DATA

#### MATERIAL

Hot dipped galvanised steel.

#### SURFACE FINISH

Unpainted steel.

#### MAIN RUNNER / CROSS TEE INTERFACE

Joggled ends

#### END DETAIL

Main Runner: staked-on Superlock clip. Cross Tee: staked-on XL<sup>2</sup> clip.

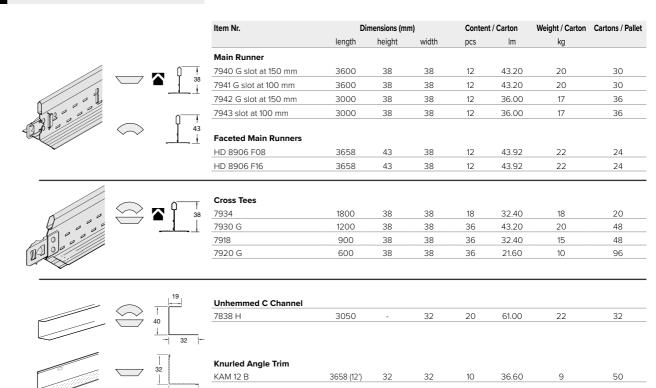
#### FN 13964

Suspended Ceilings - Requirements and test methods.

#### FN 1419!

Metal profiles for substructures of plasterboard systems - Concepts, requirements and test methods.

## **COMPONENTS**



## SECTION DRAWINGS

Main Runner	Length	
7940 G 7941 G 7942 G 7943	3600 mm 3600 mm 3000 mm 3000 mm	75 mm         23 x 150 mm         75 mm           50 mm         35 x 100 mm         50 mm           75 mm         19 x 150 mm         75 mm           50 mm         29 x 100 mm         50 mm
aceted Main Run	ner Fa	aceted at 203 mm (8") centres. Use for radius 4.50 m or less
8906 F08 (54 slots)	3658 mm 🔙	203 mm
	<del>L∈</del> Fa	aceted at 406 mm (16") centres. Use for radius over 4.50 m (directional Main Runner)
8906 F16 (45 slots)	3658 mm	102 mm 406 mm 305 mm
		3666
Cross Tees		
7930 G 7934	1200 mm 1800 mm	450 mm 2 x 150mm 450 mm 900 mm
7920 G 7918	600 mm 900 mm	

All dimensions are nominal



## **ACCESSORIES**

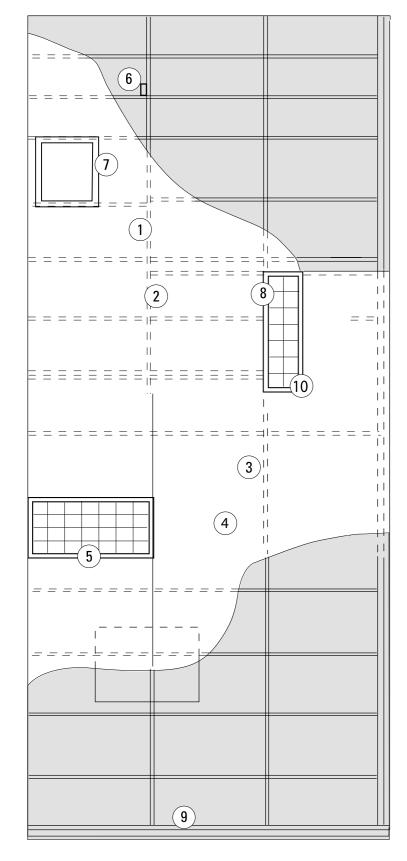
A VARIETY OF DRYWALL GRID ACCESSORIES ARE AVAILABLE TO PROVIDE PROBLEM SOLVING SOLUTIONS THAT SAVE TIME, LABOUR AND MONEY.

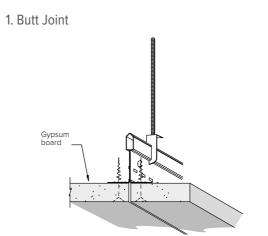
Item Nr.	Description	Perspective	Application	Length (mm)	Height (mm)	Qty / ctn pcs	Weight / carton (kg)	Ctns / pallet
DWACS	Drywall Attachment Clip facilitates transition from drywall to acoustical ceiling; locks under bulb of grid section to prevent upward movement and provide secure attachment surface on one side of exposed grid.			101.6	41	100	4	24
DW30C				165	-	250	8	36
DW45C	30, 45, 60 and 90 degree  Drywall Angle Clips are used to	30° 45°		165	-	250	8	36
DW60C	create positive and secure angles for drywall and ceiling installations	. 60° 90°		165	-	250	8	36
DW90C	on either Main Runners or Cross Tees.	•		134	-	250	8	36
RC2 AG	Radius Clip is used for drywall applications which form curved installations; attaches to the web of the Main Runner with four 10 mm pan head screws; install at all knockout locations.	00 00 00 00	is is is	63.50	42.30	205	4	60
XTAC	Cross Tee Adapter Clip used to attach field cut Cross Tees to Main Runners.			70	70	100	4	60
DW50 LT	Transition Clip for Drywall 13 mm — Facilitates transition from drywall to acoustical ceiling; one- sided hold down clip; eliminates need for drywall bead. Locking tabs provide secure location for DGS tees.	3 3 57 102 57		102	29	125	7	24
DW58 LTAG	Transition Clip for Drywall 15 mm — Facilitates transition from drywall to acoustical ceiling; one-sided hold down clip; eliminates need for drywall bead. Locking tabs provide secure location for DGS tees.	102 57		102	26	125	7	24
A351G	<b>DGS Timber Hanger</b> or DGS Flat		0   0   0	310	35	50	3	10
A352G	system 38 mm high for wooden beams perpendicular to main runners.	4		460	35	50	6	10
ALP70	Low Plenum Clip Low plenum hanger bracket - 40 mm / 96 mm (min/max Grid face-upper fixing)	1000000000	Toosoooooooooo	70	30	100	3	-
ALP100	Low plenum hanger bracket - 40 mm / 126 mm (min/max Grid face-upper fixing)	00000	00000	100	30	100	4	-

Please contact Armstrong Technical Sales Group for detailed information.

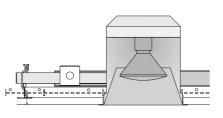


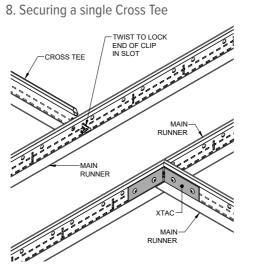
## SUSPENDED DRYWALL GRID SYSTEM DETAIL

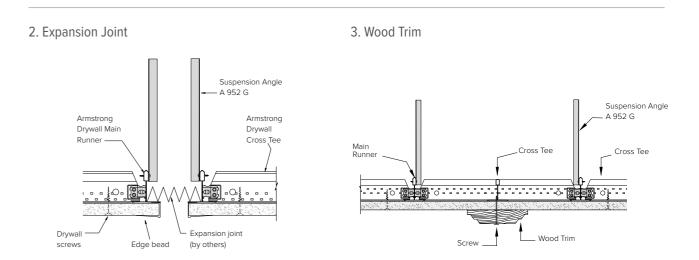


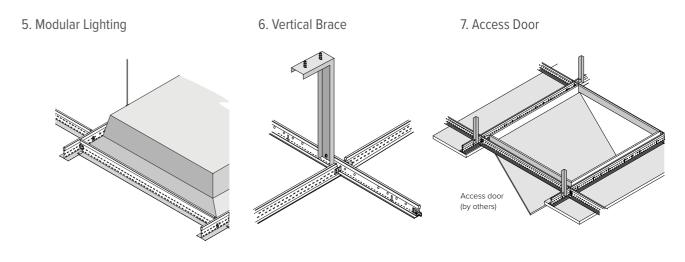




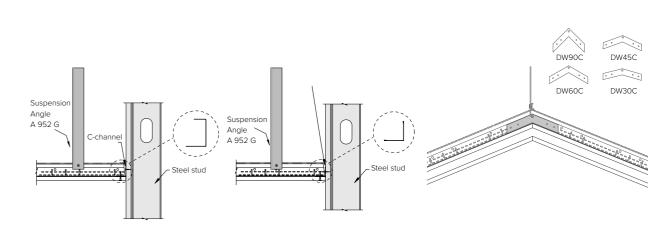








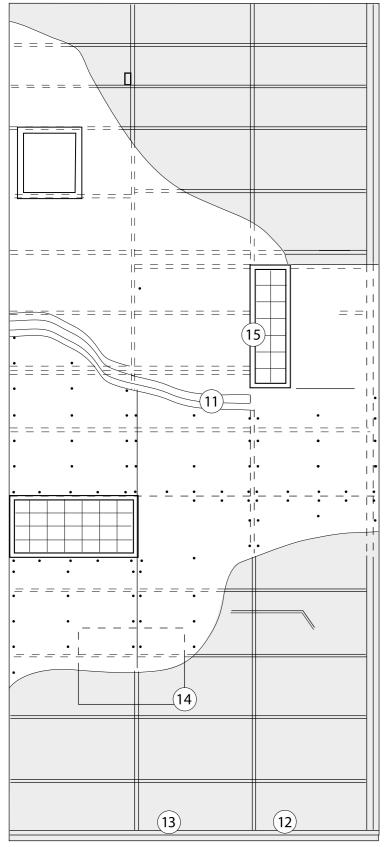


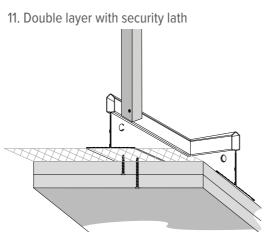


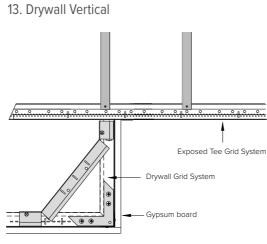
10. Angle Clip

Suitable suspension hangers must be used and spaced as required to support load (dependent upon Gypsum board construction). DGS should always be installed in accordance with all applicable building codes and regulations.

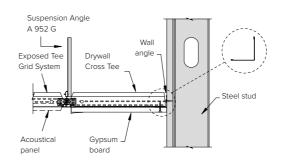
## SUSPENDED DRYWALL GRID SYSTEM DETAIL



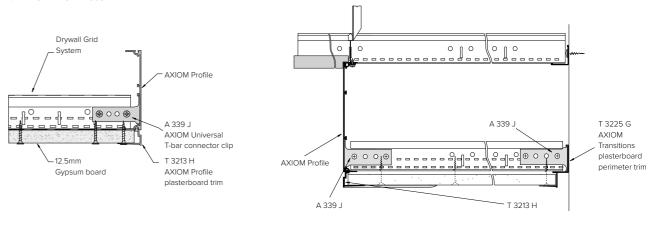




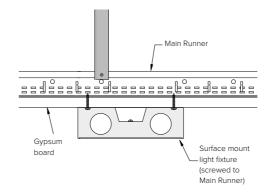
#### 12. Transition



#### 14. AXIOM Perimeter Trim



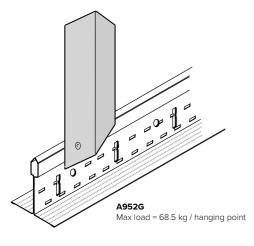
#### 15. Surface Mounted Fixture

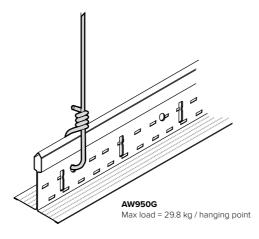


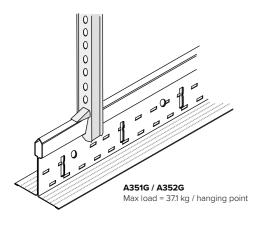
Additional hangers may be required to support load.

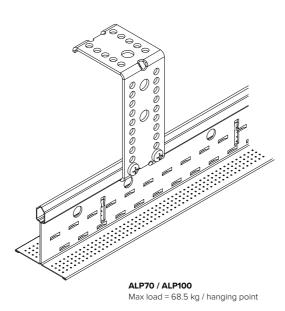
Suitable suspension hangers must be used and spaced as required to support load (dependent upon Gypsum board construction). DGS should always be installed in accordance with all applicable building codes and regulations.

## HANGING AND FRAMING









Suitable suspension hangers must be used and spaced as required to support load (dependent upon Gypsum board construction).

DGS should always be installed in accordance with all applicable building codes and regulations.

## **ESTIMATING MATERIAL**

#### DGS Flat -Load table kg/m<sup>2</sup> / Load conform EN14195

The following table gives the maximum permitted load in kg/m² for the DGS - Flat system for the hanger distance (mm) and Main Runner / Cross tees spacings noted.

	Main Runner spacing 1800 mm						ain Runn	er spacin	g 1200 n	nm	М			ım	
	С	ross tee l	BP7934G	spacing	at:	С	ross tee E	3P7930G	spacing	at:	(	Cross tee	BP7920G	spacing a	t:
Maximum	300 mm	400 mm	450 mm	500 mm	600 mm	300 mm	400 mm	450 mm	500 mm	600 mm	300 mm	400 mm	450 mm	500 mm	600 mm
800 mm	16.2	12.1	10.7	-	-	48.5	43.7	38.8	34.9	29.1	-	-	-	-	-
900 mm	16.2	12.1	10.7	-	-	33.5	33.9	34.0	34.1	29.1	-	-	-	-	-
1000 mm	15.6	12.1	10.7	-	-	23.9	24.3	24.4	24.5	24.6	49.3	49.7	49.8	50.0	50.0
1100 mm	11.4	11.8	10.7	-	-	17.4	17.8	18.0	18.1	18.2	36.5	36.9	37.0	37.1	37.2
1200 mm	-	-	-	-	-	13.0	13.4	13.5	13.6	13.8	27.6	27.9	28.1	28.2	28.3
1300 mm	-	-	-	-	-	-	-	-	-	-	21.2	21.5	21.7	21.8	21.9
1400 mm	-	-	-	-	-	-	-	-	-	-	16.5	16.9	17.0	17.1	17.2

#### Values in the above table conform to EN 14195:

- Load figures in kg/m² for boards load & potential insulation. Grid load already deducted.
- Values assuming that the maximum deflection of the grid is L/500 but not greater than 4 mm (L = span).
- · No other applied loads such as luminaires, air diffusers, smoke detectors, sprinklers, hanging signs etc. are permitted if not already taken into account.
- First main runner parallel to the wall at max 1200 mm spacing.
- The load per hanger should be calculated based on the grid lay-out and checked against maximum admissible load value per hanger.
   A safety load of 10 kg/m² should be subtracted from the above numbers for areas subject to wind uplift.
- Please contact Armstrong Technical Sales for further details.

#### **DGS Flat - Quantities**

Main Runner centre at 1800 mm	Quantities per 1 (no waste	m² <sup>·</sup>	Main Runner centre at 1200 mm	Quantities per 1 (no waste	m²˙	Main Runner centre at 900 mm	Quantities per 1 (no waste	m² <sup>'</sup>	Main Runner centre at 600 mm	Quantities per 1 (no waste	m² <sup>'</sup>
Cross Tee centres	Cross Tee	Main Runner	Cross Tee centres	Cross Tee	Main Runner	Cross Tee centres	Cross Tee	Main Runner	Cross Tee centres	Cross Tee	Main Runner
300 mm*(3)	3.34 lm		300 mm*(3)	3.34 lm		300 mm*(3)	3.34 lm		300 mm*(3)	3.34 lm	
400 mm*(2)	2.50 lm		400 mm*(2)	2.50 lm		400 mm*(2)	2.50 lm		400 mm*(2)	2.50 lm	
450 mm*(1)	2.23 lm	0,56 lm	450 mm*(1)	2.23 lm	0.84 lm	450 mm*(1)	2.23 lm	1.12 lm	450 mm*(1)	2.23 lm	1.67 lm
500 mm*(2)	2.00 lm		500 mm*(2)	2.00 lm		500 mm*(2)	2.00 lm		500 mm*(2)	2.00 lm	
600 mm*(3)	1.67 lm		600 mm*(3)	1.67 lm		600 mm*(3)	1.67 lm		600 mm*(3)	1.67 lm	

<sup>\*(1)</sup> requires Main Runner slot at 150 mm

13 All dimensions are nominal. All dimensions are nominal.

 $<sup>^*</sup>$ (2) requires Main Runner with slot spacing at 100 mm

<sup>\*(3)</sup> requires Main Runner with slot spacing 100 mm or 150 mm

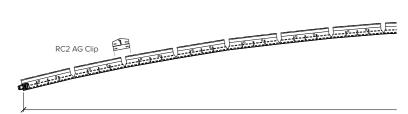




## CREATING CURVED FRAMING FOR DRYWALL IS EASY AND OFFERS UNLIMITED POSSIBILITIES.

- Custom radii to suit any design installation.
- · You control the curve.
- Not limited to a pre-selected or pre-determined curved radius.
- Full range of clips and accessories make installation easier than bending stud and track.

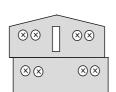




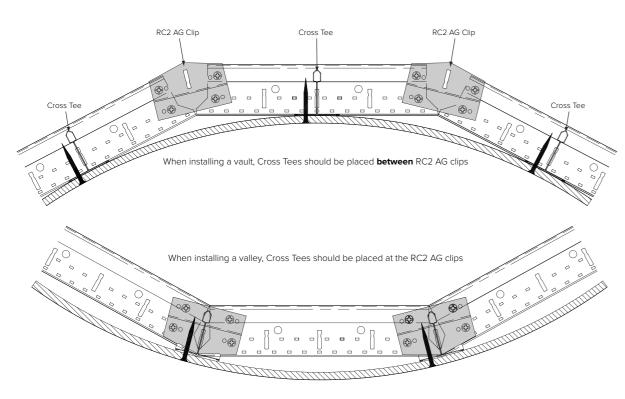
Radius and drywall thickness will determine on centre spacing of cuts. Refer to "Establishing an Arc" on page 17 for creating a curved template.



RC2 AG clip must be installed on all lockout locations whether cut or uncut when used to frame a flat or curved ceiling.

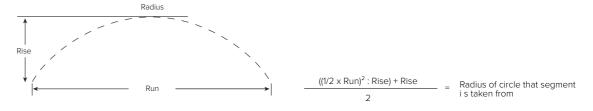


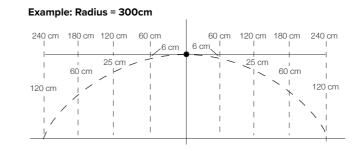
Install RC2 AG Clip using 4 screws per clip.
RC2 AG Clip is used to secure the Main Runner at the desired angle in curved ceiling with slot for installing Cross Tees.
Refer to "Making a template" on page 17.



## **DETERMINING THE RADIUS**

#### DETERMINING RADIUS FROM RISE TO RUN

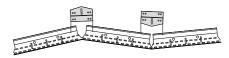




For more details, see the radius dimension table on page 22.

#### COMPLETING THE TEMPLATE

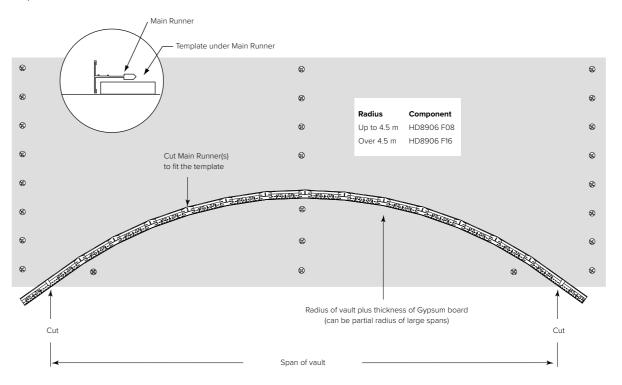
- 1. Draw radius on template
- 2. Cut along the radius and remove section of template
- 3. Cut Main Runner as required and position along the cut radius on the template (use the chart below)
- 4. Screw RC2 AG clips to faceted Main Runner at all knockout locations\*
- 5. On the template, mark a slot location reference point to maintain consistent slot location



#### \* RC2 AG Clip placement

Vaults - Cross Tee placement in slots between cuts Valleys - Cross Tee lock into slot on RC2 AG clip (tight radius installations may require bending up of the flange at ends of Cross Tees)

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Please contact Armstrong Technical Sales Group for detailed information.



## **CURVED MAIN RUNNER**

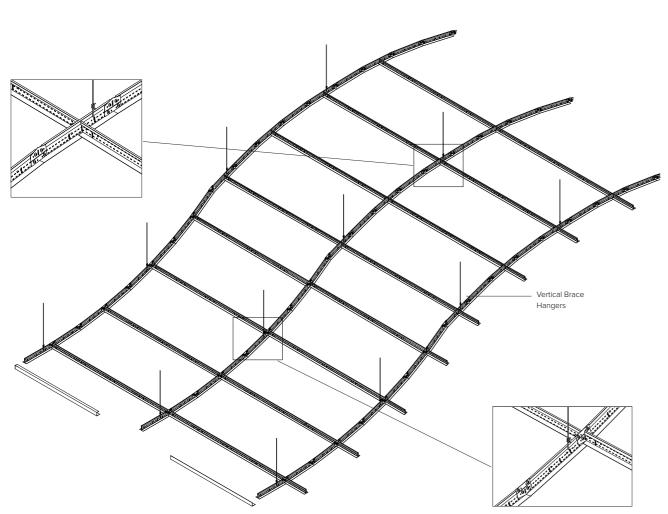
CONTRACTORS' EFFICIENCY AND UNDERSTANDING
OF THE SUSPENDED GRID SYSTEM CONSTRUCTION PROVIDES
PERFORMANCE BENEFITS AND COST SAVINGS.

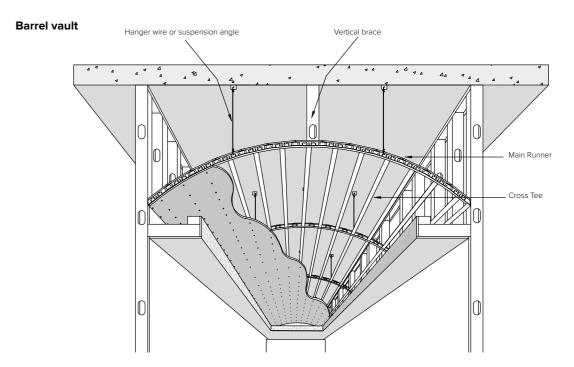
- An unlimited range of vaults and valleys can be constructed using faceted Main Runners made on the job to meet design needs
- Single and multiple curved ceilings can be framed quickly and easily

#### Working with vault

- 1. Suitable suspension hangers spaced along the Main Runners not more than 1200 mm on centre (dependent upon Gypsum board construction).
- 2. Add vertical braces as required to stabilise the frame.
- 3. Thickness of the sheeting material is determined by its plasticity. (Refer to supplying manufacturer's recommendation).
- 4. For vaults, suitable suspension hangers spaced along the Main Runners not more than 1200mm on centre (dependent upon Gypsum board construction).

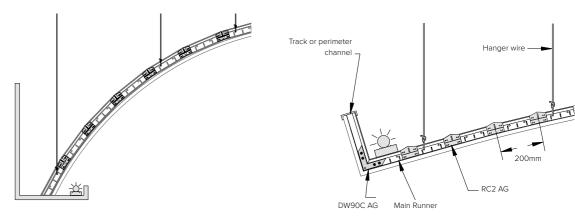
Angle and channel trim is used to frame the ends of the structure.



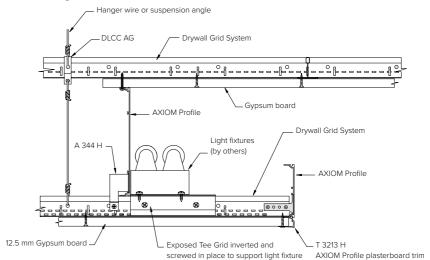


#### Vault perimeter light cove

#### Floating vault



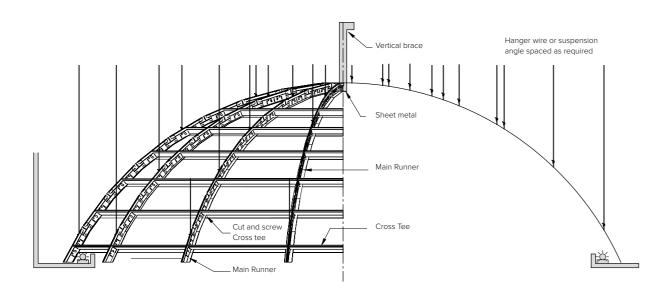
#### Drywall ceiling with Axiom light cove





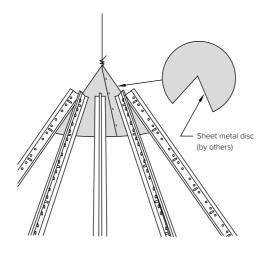
## **DOMES**

DOMES, LIKE ARCHES, HAVE MANY VARIABLE CHARACTERISTICS THAT MAKE EACH DESIGN UNIQUE. WITH A SUSPENDED DRYWALL GRID SYSTEM, YOU CAN EASILY CREATE THE DESIRED LOOK OF DOMES RANGING FROM SIMPLE TO COMPLEX.

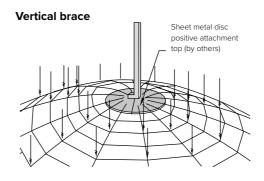


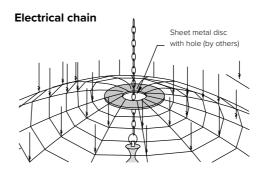
#### Working with domes

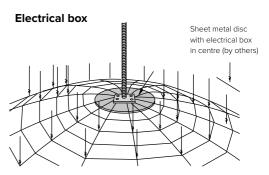
- 1. Determine the starting point at the top and bottom of the dome.
- 2. Prepare a sheet metal disk for the top of the dome. The disk should be 300 to 600 mm in diameter and should be fabricated from steel of suitable thickness. Note that the centre of the dome may need to be open to receive an electrical box, pole, or some other architectural detail. Refer to "Options for top of domes" on page 21.
- 3. Prepare a ring for the base of the dome from rolled angle or channel.
- 4. Attach curved Main Runners to the disk at the top of the dome and to the ring at the bottom.
- 5. Main Runners should be spaced no greater than 1200 mm on centre (measured at the bottom ring).
- 6. Use Cross Tees cut to the appropriate length and screwed to the flange of the Main Runners to complete the dome frame structure.
- 7. Cross Tees are not required near the top of the dome when the space between Main Runners becomes less than 400 mm.
- 8. The boarding must be cut into pie shaped sections and screw attached to the framework.

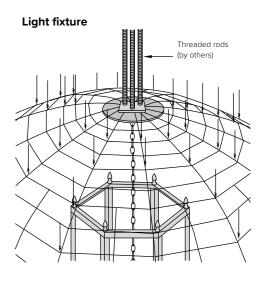


# OPTIONS FOR THE TOP OF DOMES

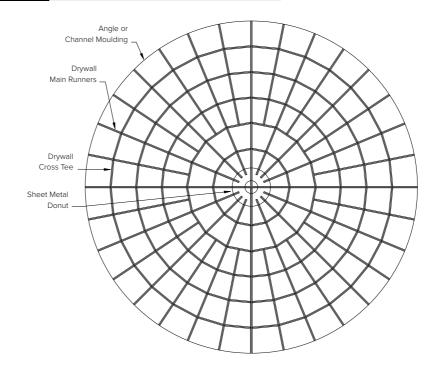


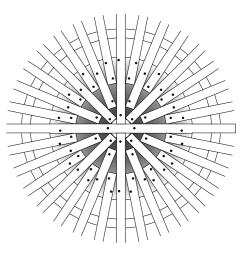






## **CREATING A DOME**





All domes require a sheet metal disk at the top of ceiling which must be screw-attached to each Main Runner.

Please contact Armstrong Technical Sales Group for detailed information.

All dimensions are nominal.



## RADIUS IN METRIC

						Pa	dius dime	nsion in r	nm						
	3000	3300	3600	3900	4200	4500	4800	5100	5400	5700	6000	6300	6600	6900	7200
600	60	55	50	46	43	40	38	35	33	32	30	29	27	26	25
1200	250	226	206	189	175	163	152	143	135	128	121	115	110	105	101
1800	600	534	482	440	405	375	350	328	309	292	276	263	250	239	229
2400	1200	1035	917	826	753	693	643	600	563	530	501	475	452	431	412
2400	7500	7800	8100	8400	8700	9000	9300	9600	9900	10200	10500	10800	11100	11400	11700
600	24	23	22	21	21	20	19	19	18	18	17	17	16	16	15
1200	97	93	89	86	83	80	78	75	73	71	69	67	65	63	62
1800	219	211	203	195	188	182	176	170	165	160	155	151	147	143	139
2400	394	378	364	350	338	326	315	305	295	286	278	270	263	255	249
2400	12000	12300	12600	12900	13200	13500	13800	14100	14400	14700	15000	15300	15600	15900	16200
600	15	15	14	14	14	13	13	13	13	13	12	12	12	11	11
1200	60	59	57	56	55	53	52	51	50	49	48	47	46	45	45
1800	136	132	129	126	123	121	118	115	113	111	108	106	105	102	100
2400	242	236	231	225	220	215	210	206	201	197	193	189	186	182	179
	16500	16800	17100	17500	17700	18000	18300	1800	18900	19200	19500	19800	20100	20400	20700
600	11	11	11	10	10	10	10	10	10	9	9	9	9	9	9
1200	44	43	42	41	41	40	39	39	38	38	37	36	36	35	35
1800	98	97	95	93	92	90	89	87	86	85	83	82	81	80	78
2400	175	172	169	166	163	161	158	155	153	151	148	146	144	142	140
	21000	21300	21600	21900	22200	22500	22800	23100	23400	23700	24000	24300	24600	24900	29700
600	9	8	8	8	8	8	8	8	8	8	8	7	7	7	7
1200	34	34	33	33	32	32	32	31	135	128	121	115	110	105	101
1800	77	76	75	74	73	72	71	70	69	68	68	67	66	65	64
2400	138	136	134	132	130	128	127	125	123	122	120	119	117	116	115
	25500	25800	26100	26400	26700	27000	27300	27600	27900	23200	28500	28800	29100	29400	29700
600	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6
1200	28	28	28	27	27	27	26	26	26	26	25	25	25	25	24
1800	64	63	62	61	61	60	59	59	58	58	57	56	56	55	55
2400	113	112	111	109	108	107	106	105	103	102	101	100	99	98	97
	30000	30000	30600	30900	31200	31500	31800	32100	32400	32700	33000	33300	33600	33900	34200
600	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5
1200	24	24	24	23	23	23	23	22	22	22	22	22	21	21	21
1800	54	54	53	52	52	51	51	51	50	50	49	49	48	48	47
2400	96	95	94	93	92	92	91	90	89	88	87	87	86	85	84
	34500	34800	35100	35400	35700										
600	5	5	5	5	5										
1200	21	21	21	20	20										
1800	47	47	46	46	45										
2400	84	83	82	81	81										

## CREATING AN ELLIPSE

#### Create an ellipse template

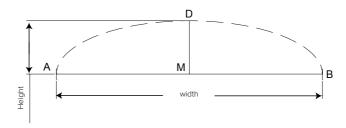


Figure 1: draw lines A-B and M-D

1. Draw lines A-B (width) and M-D (height) as in Figure 1.

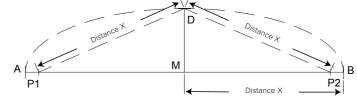


Figure 2: define P1 & P2

2. Determine from the point D, using a tensioned string of length X (or M-B) in each case the point of intersection P1 and P2 on line AB, see the figure 2.

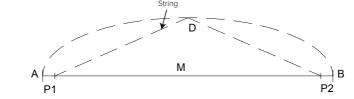
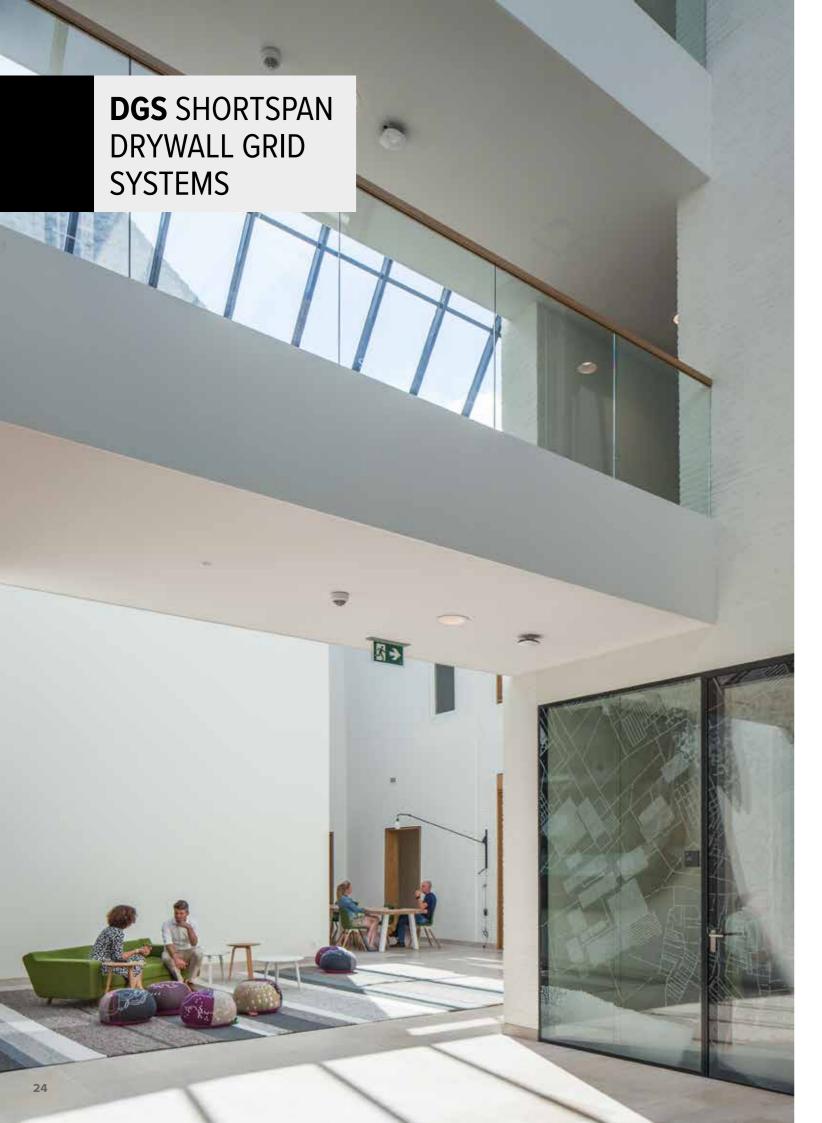


Figure 3: Draw the ellipse

3. Add three nails in the points P1, D , P2 and connect a taut string as shown in Figure 3. Replace the nail in point D with a pen and by keeping the string taut draw the arc DA and DB.

4. With the help of the drawing a template can be created and as described on page 11 the Main Runner formed.

Please contact Armstrong Technical Sales Group for detailed information.



#### **Features and benefits**

#### **KEY ATTRIBUTES**

#### CLEAR SPAN

Up to 2.1 m without additional hangers

#### 38MM WIDE FACE

For easy installation of screw applied Gypsum board

#### SCREWSTOP

Reverse hem prevents screw spin off on the face

#### PEAKFORM

Patented profile increases strength and stability for improved performance during installation which is also easier to cut.

#### BALANCED PROFILE

Stays flat during installation

#### ROTARY STITCHED

On double web adds strength and stability

#### DEEP KNURLED SURFACE

For easy screw insertion

#### LOCKING ANGLE TRIM

With pre-punched tabs for easy fixing to the wall

#### FIRE RATING

Armstrong have an ongoing fire testing programme.

Please contact Armstrong Technical Sales Group for detailed information

#### **BENEFITS**

#### REDUCED INSTALLATION TIME

Shortspan grid and Locking Angle Trim make installations easier and faster

#### REDUCED MATERIAL COSTS

Economical price point of components

#### REDUCED LABOUR COSTS

Eliminates screws, Cross Tees and hanger wire or angle (in most applications)

#### END DETAIL

Straight cut

#### REDUCED WASTE

Standard lengths available to accommodate most applications to reduce wastage

#### PHYSICAL DATA

#### MATERIAL

Double-web hot dipped galvanised steel

#### SURFACE FINISH

Unpainted steel

#### EN 13964

Suspended Ceilings - Requirements and test methods

#### EN 1419

Metal profiles for substructures of plasterboard systems

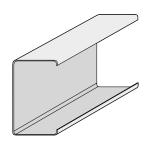
- Concepts, requirements and test methods

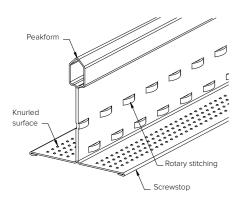
<sup>\*</sup> White rust will appear but is not detrimental to the performance of the product.



## **COMPONENTS**

#### Traditional method to frame short spans





#### **Shortspan for framing short spans**

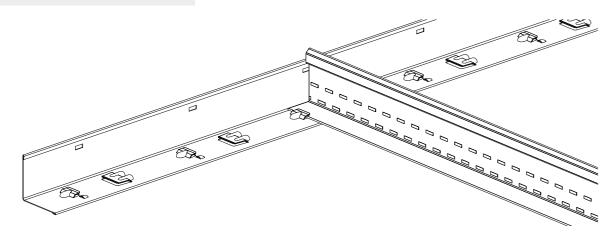


Corridor framing using traditional steel studs



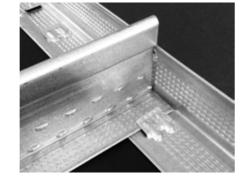
Shortspan grid and Locking Angle Trim make drywall framing faster and easier

## LOCKING ANGLE TRIM



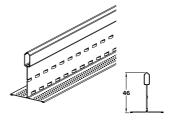
#### Locking Angle Trim is a faster, more accurate solution

- Pre-engineered locking tabs punched at 100 or 150 mm centres
- Eliminates setting out for Shortspan from 300 mm to 600 mm centres
- Eliminate measuring
- Locking tabs prevent lateral and upward movement
- Eliminate screws, pop rivets, or crimpers needed to attach tees to trim
- Knurled surface on both flanges
- Screwstop reverse hem prevents screw spin off and provides safer
- Crimp marks at locking tabs for fast, easy alignment



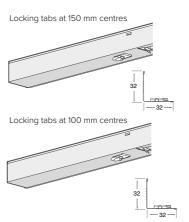
Shortspan tee engaged in Locking Angle Trim

#### **Shortspan T-Bars**



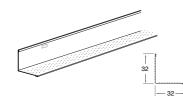
Item Nr.	Dimensio	ons (mm)	Conten	t / Carton	Weight / Bundle	Bundles / Pallet
	length	height	pcs	lm	kg	
S 7708 P	2438	46	12	29.26	14	24
S 7710 P	3048	46	12	36.57	17.5	24
S 7712 P	3658	46	12	43.89	21	24
S 7714 P	4267	46	12	51.20	24	24

#### **Locking Angle Trim**



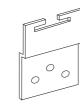
LAT 12 H	3600	32	20	72	18	12
LAT 10 H	3600	32	20	72	18	12

#### **Knurled Angle Trim**



	KAM 12 B	3660	32	10	36.60	9	50
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#### Drywall Accessory -**Shortspan Connector Clip**

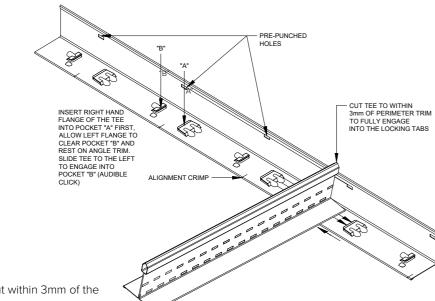


A 349 G	70	49	100	-	260	-

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Please contact Armstrong Technical Sales Group for detailed information. All dimensions are nominal.

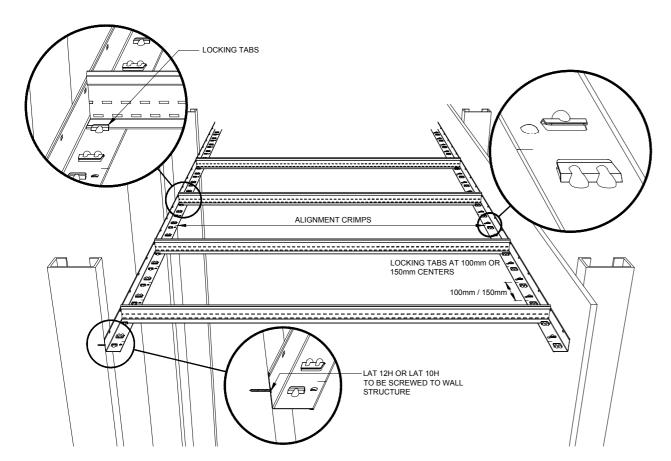
#### Locking Angle Trim details (LAT 12H and LAT 10H)



 Shortspan tees must be cut within 3mm of the vertical leg of the Locking Angle Trim

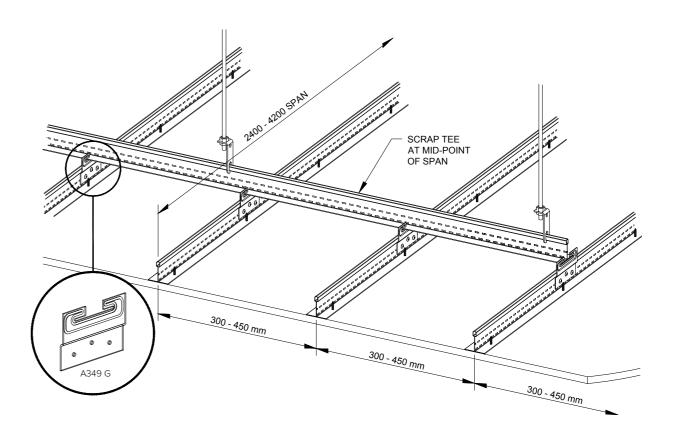
**Installation Notes** 

- LAT 12H, LAT 10H and KAM 12B must be screwed securely through to structured wall or studs at no more than 600 mm centres, unless otherwise stated by Gypsum board manufacturer.
- Locking Angle Trim is designed to only work with Armstrong Drywall Grid products



#### **Lateral support options**

Use with longer spans to eliminate lateral movement

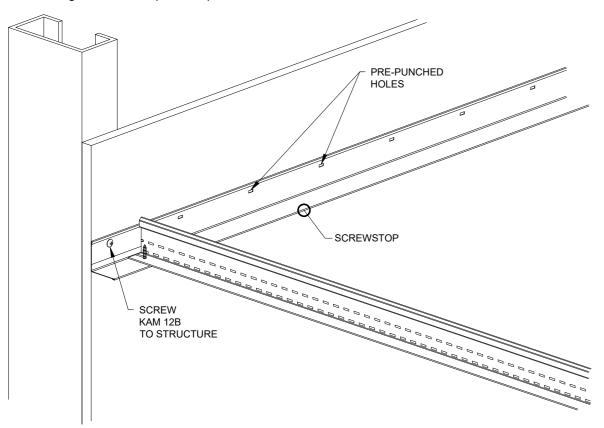


The Shortspan connector clip A 349 G must be installed with a minimum of two fixing screws.

The scrap tee (Shortspan) can be used and installed perpendicularly, and slid onto a Shortspan connector clip. For load capacity table, see page 30.

## PERIMETER SOLUTIONS

#### Knurled Angle Trim details (KAM 12B)



## DGS Shortspan - Load table kg/m<sup>2</sup> / Load conform EN14195

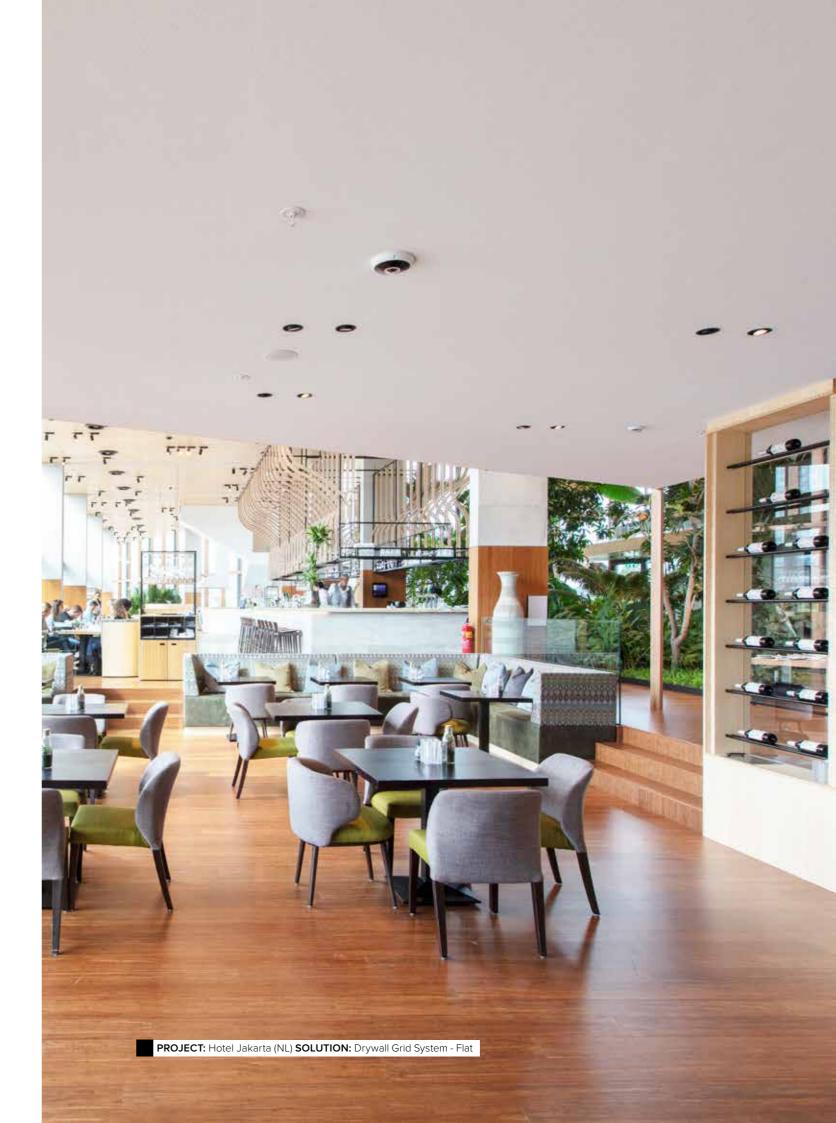
The following table gives the maximum permitted load in  $kg/m^2$  for the DGS - Shortspan system for the spacings noted. Perimeter BPLAT12/ BPLAT10/ KAM12 fixed every 600 mm to the wall.

Item Nr.	Profile leng	Spacing			Span i	n mm - Load	d capacity in	n kg/m²		
	(mm)	(mm)	1200	1500	1800	2100	2400	3000	3600	4200
		300	22.9	-	-	-	22.9*(1)	-	-	-
		400	17.2	-	-	-	17.2*(1)	-	-	-
S7708P	2440	450	15.2	-	-	-	15.2*(1)	-	-	-
		500	13.7	-	-	-	13.7*(1)	-	-	-
		600	11.4	-	-	-	11.4*(1)	-	-	-
		300	-	18.0	-	-	-	18.0*(1)	-	-
		400	-	13.5	-	-	-	13.5*(1)	-	-
S7710P	3050	450	-	12.0	-	-	-	12.0*(1)	-	-
		500	-	10.8	-	-	-	10.8*(1)	-	-
		600	-	18.8*(1)	-	-	-	13.9*(2)	-	-
		300	-	-	14.7	-	-	-	14.7*(1)	-
		400	-	-	11.0	-	-	-	11.0*(1)	-
S7712P	3660	450	-	-	20.7*(1)	-	-	-	15.2*(2)	-
		500	-	-	18.6*(1)	-	-	-	13.7*(2)	-
		600	-	-	15.5*(1)	-	-	-	11.4*(2)	-
		300	-	-	-	12.4	-	-	-	19.4*(2
		400	-	-	-	19.8*(1)	-	-	-	14.5*(2
S7714P	4270	450	-	-	-	17.6*(1)	-	-	-	12.9*(2
		500	-	-	-	15.8*(1)	-	-	-	11.6*(2
		600	-	-	-	13.2*(1)	-	-	-	9,7*(2)

<sup>\*(1)</sup> requires 1 hanger centered

#### Values in the above table conform to EN 14195:

- Load figures in kg/m² for boards load & potential insulation. Grid load already deducted.
   Values assuming that the maximum deflection of the grid is L/500 but not greater than 4 mm (L = span).
   No other applied loads such as luminaires, air diffusers, smoke detectors, sprinklers, hanging signs etc. are permitted if not already taken into account.
- A safety load of 10 kg/m² should be subtracted from the above numbers for areas subject to wind uplift.
- Please contact Armstrong Technical Sales for further details.



<sup>\*(2)</sup> requires 2 hangers in 1/3 points



 $\ensuremath{\mathbb{C}}$  Simon Miles, Nike Bourgeois, Michael van Oosten, Sonja Bell

#### **Advisory note**

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