CEILING SOLUTIONS


DGS FLAT, CURVED \& SHORTSPAN
dRYwall grid systems technical guide

Solutions


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DGS SHORTSPAN
DRYWALL GRID SYSTEM

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| Hem N. | Descripion | Perspectiv | Application | $\left.\begin{array}{c} \text { Length } \\ (m(m) \end{array}\right)$ | $\begin{gathered} \text { Height } \\ (m m) \end{gathered}$ | $\underset{\text { pcs }}{\substack{\text { aty }}}$ | $\begin{gathered} \text { Weight/ } \\ \text { carton } \\ \text { (kg) } \end{gathered}$ | Ctrs/pallet |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| dwacs | Drywall Attachment Clip facilitates transition from drywall to acoustica 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 <br> DW45C <br> DW60C <br> DW90C | 30, 45, 60 and 90 degree Drywall Angle Clips are used to create positive and secure angles for drywall and ceiling installations on either Main Runners or Cross Tees. | $\uparrow$ |  | $\begin{aligned} & 165 \\ & 165 \\ & 165 \\ & 134 \end{aligned}$ | - <br> - | $\begin{aligned} & 250 \\ & 250 \\ & 250 \\ & 250 \end{aligned}$ | $\begin{aligned} & 8 \\ & 8 \\ & 8 \end{aligned}$ | $\begin{aligned} & 36 \\ & 36 \\ & 36 \\ & 36 \end{aligned}$ |
| 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. |  |  | 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. |  |  | 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 | 26 | 125 | 7 | 24 |
| A3516 A3526 | DGS Timber Hanger or DGS Flat system 38 mm high for wooden beams perpendicular to main runners |  | , | $\begin{aligned} & 310 \\ & 460 \end{aligned}$ | $\begin{aligned} & 35 \\ & 35 \end{aligned}$ | 50 50 | 3 6 | 10 10 |
| ALP70 ALP100 | Low Plenum Clip <br> Low plenum hanger bracket $-40 \mathrm{~mm} /$ <br> 96 mm (min/max Grid face-upper fixing) <br> Low plenum hanger bracket - $40 \mathrm{~mm} / \mathrm{mm}$ (min/max Grid face-upper fixing) |  |  | 70 100 | 30 30 | 100 100 | 3 | $\cdot$ |

$\qquad$


1. Butt Joint

2. Spotight Fixture

3. Securing a single Cross Tee


4. Channel and Angle Trim
5. Angle Clip


6. Transition


## 14. AXIOM Perimeter Trim


15. Surface Mounted Fixture


Adtion may be reauired tos


## DGS Flat -Load table kg/m² Load conform EN14195

The following table gives the maximum permitted load in $\mathrm{kg} / \mathrm{m}^{2}$ for the DGS - Flat system for the hanger distance ( m ) and Main Runner / Cross tees spacings noted.

| Maximum | Main Runner spacing 1800 mm |  |  |  |  | Main Runner spacing 1200 mm |  |  |  |  | Main Runner spacing 600 mm |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cross tee BP7934G spacing at: |  |  |  |  | Cross tee BP7930G spacing at: |  |  |  |  | Cross tee BP7920G spacing at |  |  |  |  |
|  |  |  |  |  |  | 300 mm | 100 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 $\mathrm{kg} / \mathrm{m}^{2}$ for boards load \& potential insulation. Grid load already deducted.
Values assuming that the maximum defliction of the grid is $\angle / 500$ but not greater than $4 \mathrm{~mm}(L=$ span).
No other applied loads such as luminaires, air diffusers, smoke detectors, sprinkletrs, hanging signs etc. are permitted if not already taken into account.
Sirst main runner parallel to the wall at max 1200 mm spacing. - First main runner parallel to the wall at max 1200 mm spacing.

A safery load of $10 \mathrm{~kg} / \mathrm{m}^{2}$ should be be subtracted from the above num and checked against maximum admissible load value per hanger. A saiety load of $10 \mathrm{~kg} / \mathrm{m}^{2}$ should be subtracted from the above
Please contact Armstrong Technical Sales for further details.

## DGS Flat - Quantities

| $\begin{gathered} \text { Main } \\ \text { Reunner } \\ \text { centre at } \\ 1000 \end{gathered}$ | Quantities required per $1 \mathrm{~m}^{2}$ no waste included) |  | $\begin{gathered} \text { Main } \\ \text { Runner } \\ \text { Rentre a } \\ \hline \end{gathered}$ | Quantities required per $1 \mathrm{~m}^{2}$ <br> no waste included) |  | $\begin{gathered} \text { Main } \\ \text { Runner } \\ \text { centre at } \end{gathered}$ | Quantities required per $1 \mathrm{~m}^{2}$(no waste included) |  | $\begin{gathered} \text { Main } \\ \begin{array}{c} \text { Runner } \\ \text { centre at } \\ 600 \mathrm{~mm} \end{array} \end{gathered}$ | Quantities required (no waste included) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cross Tee centres | Cross Tee | $\begin{gathered} \text { Main } \\ \text { Runner } \end{gathered}$ | Cross Tee centres | Cross ${ }^{\text {T }}$ | $\begin{gathered} \text { Main } \\ \text { Runner } \end{gathered}$ | Cross Tee centres | Cross Te | $\begin{gathered} \text { Main } \\ \text { Runner } \end{gathered}$ | Cross Tee centres | Cross | $\begin{gathered} \text { Main } \\ \text { Runner } \end{gathered}$ |
| $300 \mathrm{~mm}{ }^{(3)}$ | 3.4 m | 0,56 lm | $300 \mathrm{~mm} \mathrm{~m}^{(3)}$ | 3.341 | 0.84 lm | $300 \mathrm{~mm}{ }^{\text {³ }}$ ) | 3.34 | 1.12 mm | $300 \mathrm{~mm} \mathrm{~m}^{(3)}$ | 3.34 | 1.67 m |
| $400 \mathrm{~mm}{ }^{*}(2)$ | 2.50 lm |  | $400 \mathrm{mm*}$ *2) | 2.50 m |  | $400 \mathrm{~mm}{ }^{*}(2)$ | 2.50 m |  | $400 \mathrm{~mm}{ }^{*}(2)$ | 2.50 m |  |
| $450 \mathrm{~mm}{ }^{\text {² }}$ (1) | 2.23 m |  | $450 \mathrm{~mm}{ }^{*}(1)$ | 2.23 mm |  | $450 \mathrm{~mm}{ }^{\text {² }}$ ( $)$ | 2.231 m |  | $450 \mathrm{~mm}{ }^{\text {(1) }}$ ( | 2.231 m |  |
| $500 \mathrm{~mm}{ }^{\text {(2) }}$ | 2.00 lm |  | $500 \mathrm{~mm}{ }^{(2)}$ | 2.00 m |  | $500 \mathrm{~mm}{ }^{*}(2)$ | 2.00 |  | $500 \mathrm{~mm}{ }^{(2)}$ | 2.00 |  |
| $600 \mathrm{~mm}{ }^{\text {\% }}$ (3) | 1.67 m |  | $600 \mathrm{~mm}{ }^{\text {(3) }}$ | 1.67 lm |  | $600 \mathrm{~mm}{ }^{\text {(3) }}$ | 1.67 m |  | $600 \mathrm{~mm}{ }^{\text {(3) }}$ | 1.67 lm |  |

(1) reauires Main Runner slot at 150 mm
(2) requ:
(3) requires Main Runner with slot spacing 100 mm or 150 mm

Suitable suspension hangers must be used and spaced as required to support load
DGS should always be installed in accordance with all applicable building codes and regulations.


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

Custom radiii 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.


RC2 AG Clip


Radius and drwwal thickness will determine on centre spacing of cuts.
Reier to "Establisting an Act" on page 17 for creating a cuved template.

定 $\mid 203 \mathrm{~mm}(87 \mid 403 \mathrm{~mm}(167 \mid$ RC2 AG clip must be installed on all lockout tocations whether
cut or uncut when used to f time a flot or o curved celing.


| $\otimes \otimes$ | $\otimes \otimes$ |
| :--- | :--- |
| $\otimes \otimes$ | $\otimes \otimes$ |

$$
\begin{aligned}
& \begin{array}{c}
\text { nstal RC2 } 2 \text { A Clip using } \\
\text { screws per clip. } \\
\text { sce }
\end{array} \\
& \begin{array}{l}
\text { screw per ilip. } \\
\text { RC2 } C \text { C Clip } \\
\text { used to secure }
\end{array} \\
& \begin{array}{l}
\text { the Main Runner at the desired } \\
\text { angle in curred ceiling with sla }
\end{array}
\end{aligned}
$$

$$
\begin{aligned}
& \begin{array}{l}
\text { Reier } \\
\text { on page } \\
\text { 7. } \\
\text { 7. }
\end{array}
\end{aligned}
$$

## ETERMINING RADIUS FROM RISE TO RUN



## Example: Radius $=\mathbf{3 0 0} \mathrm{cm}$



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 knoc kout locations*
5. On the template, mark a slot location reference point to maintain consistent slot location

*RC2 AG Clip placement

- RC2 AG Clip placement
Vauts- C Coss See pacementin in lots between cuts
Vallevs. Coss tea
 (tight radius instalations may reauire bending up of
the flange at ends of Cosss Tees)



## 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 1200 mm on centre (dependent upon Gypsum board construction).
Angle and channel trim is used to frame the ends of the structure.


Barrel vault


## Vault perimeter light cove

Floating vault



Drywall ceiling with Axiom light cov


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

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 stee of sutable thickness. Note that the centre of the dome may architectural detail. Refer to "Options for top of domes" on page 21 .
. 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.





Light fixture


CREATING A DOME


|  | 000 | 3300 | 3600 | 3900 | 4200 | 4500 | 4800 | 5100 | 5400 | 5700 | 600 | 6300 | 660 | 690 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 |
|  | 7500 | 7800 | 8100 | 8400 | 8700 | 9000 | 9300 | 9600 | 9900 | 10200 | 10500 | 10800 | 11100 | 11400 | 1700 |
| 600 | 24 | 23 | 22 | 21 | 21 | 20 | 19 | 19 | 18 | 18 | 17 | 17 | 16 | 16 |  |
| 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 |
|  | 12000 | 12300 | 12600 | 12900 | 13200 | 13500 | 13800 | 14100 | 14400 | 14700 | 15000 | 15300 | 15600 | 15900 | 1620 |
| 600 | 15 | 15 | 14 | 14 | 14 | 13 | 13 | 13 | 13 | 13 | 12 | 12 | 12 | 11 |  |
| 120 | 60 | 59 | 57 | 56 | 55 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 46 | 45 | 45 |
| 1800 | 136 | 132 | 129 | 126 | 123 | 121 | 118 | 115 | ${ }^{113}$ | 11 | 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 | 2070 |
| 600 | 11 | 11 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 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 |
| 240 | 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 | 297 |
| 600 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 | 28 | 127 | 125 | 123 | 122 | 120 | 19 | 117 | 116 | 115 |
|  | 25500 | 25800 | 26100 | 26400 | 26700 | 27000 | 27300 | 27600 | 27900 | 23200 | 28500 | 28800 | 29100 | 29400 | 2970 |
| 600 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 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 | ${ }^{113}$ | 12 | 11 | 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 | 3420 |
| 600 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 |

$\begin{array}{llllll}34500 & 34800 & 35100 & 35400 & 35700\end{array}$
苦 㰴 믕

$$
\begin{array}{ccccc}
5 & 5 & 5 & 5 & 5 \\
21 & 21 & 21 & 20 & 20 \\
47 & 47 & 46 & 46 & 45 \\
84 & 83 & 82 & 81 & 81
\end{array}
$$

## Create an ellipse template



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

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

. Determine from the point D , using a tensioned string of length X (or $\mathrm{M}-\mathrm{B}$ ) in each case the point of intersection P1 and $P 2$ on line $A B$, see the figure 2.

Figure 2: define P1 \& P2


Figure 3: Draw the ellipse

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 $D$ and DB .


## Features and benefits

Traditional method to frame short spans


## Shortspan for framing short spans



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 handling
Crimp marks at locking tabs for fast, easy alignment


Shortspan tee engaged in Locking Angle Trim

## Shortspan T-Bars



## Locking Angle Trim

Locking tabs at 150 mm centres


Knurled Angle Trim

$\qquad$

Drywall Accessory -
Shortspan Connector Clip

$$
0^{0}
$$

$\begin{array}{llll}\text { A } 349 \text { G } & 70 & 49 & 100\end{array}$ $\qquad$ 260

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


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

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

## Knurled Angle Trim details (KAM 12B)



DGS Shortspan - Load table $\mathrm{kg} / \mathrm{m}^{2}$ / Load conform EN14195
The following table gives the maximum permitted load in $\mathrm{kg} / \mathrm{m}^{2}$ for the DGS - Shortspan system for the spacings noted.

| Item N . | Profile leng <br> (mm) | $\underset{(\text { Spacing }}{\substack{\text { Sm }}}$ | Span in mm - Load capacity in kg/m ${ }^{2}$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1200 | 1500 | 1800 | 2100 | 2400 | 3000 | 3600 | 4200 |
| S7708P | 2440 | 300 | 22.9 | - | - | - | 22.9\%) | - | - | - |
|  |  | 400 | 17.2 | - | - | - | 17.2\% ${ }^{\text {\% }}$ (1) | - | - | - |
|  |  | 450 | 15.2 | - | - | - | 15.2*) | - | - | - |
|  |  | 500 | 13.7 | - | - | - | 13.74) | - | - | - |
|  |  | 600 | 11.4 | - | - | - | $11.4{ }^{*}(1)$ | - | - | - |
| S7710P | 3050 | 300 | - | 18.0 | - | - | - | 18.0**) | - | - |
|  |  | 400 | - | 13.5 | - | - | - | $13.5{ }^{\text {² }}$ (1) | - | - |
|  |  | 450 | - | 12.0 | - | - | - | $12.0{ }^{\circ}(1)$ | - | - |
|  |  | 500 | - | 10.8 | - | - | - | $10.8{ }^{\text {r ( ) }}$ | - | - |
|  |  | 600 | - | $18.8{ }^{*}(1)$ | - | - | - | $13.9{ }^{\circ}(2)$ | - | - |
| S7712P | 3660 | 300 | - | - | 14.7 | - | - | - | 14.740) | - |
|  |  | 400 | - | - | 11.0 | - | - | - | 11.0*(1) | - |
|  |  | 450 | - | - | 20.7(1) | - | - | - | $15.2^{\prime 2}(2)$ | - |
|  |  | 500 | - | - | 18.65*) | - | - | - | ${ }^{13,77^{\prime}(2)}$ | - |
|  |  | 600 | - | - | 15.5\%) | - | - | - | ${ }^{11.4} 4^{4}(2)$ | - |
| S7714P | 4270 | 300 | - | - | - | 12.4 | - | - | - | 19.4*(2) |
|  |  | 400 | - | - | - | $19.88^{\text {+ }}$ ( $)$ | - | - | - | $14.5{ }^{*}(2)$ |
|  |  | 450 | - | - | - | 17.64*) | - | - | - | 12.9*(2) |
|  |  | 500 | - | - | - | $15.8{ }^{\text {\% }}$ () | - | - | - | $11.6{ }^{\text {+ }}$ (2) |
|  |  | 600 |  | - |  | $13.2{ }^{2}(1)$ |  |  |  | 9,7*(2) |

(1) requires 1 hanger centered 2 hangers in $1 / 3$

Values in the above table conform to EN 14195:
Load figures in kg 9 m tor boards load \& potentiar insulation. Grid load already deducted
No other applied loads such as luminaires, air diffusers, smoke detectoros, sprinklers, hanging signs etc. are permited if not already taken into account. A safety load of $10 \mathrm{~kg} / \mathrm{m}^{2}$ should be subtracted from the above numbers for areas subject to wind uplift.
Please contact Armstrong Technical Sales for further details.


PROJECT: Hotel Jakarta (NL) SOLUTION: Drywall Grid System - Flat

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## Advisory note

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Solutions

