

CEILING SYSTEMS

Between us, ideas become reality™


Lend Lease

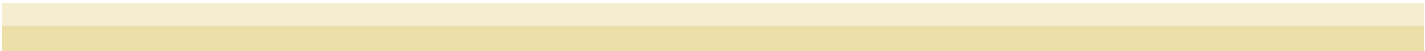


Armstrong Blue Tongue™
Aluminium Grid and
Perimeter/Pelmet Systems

 **Armstrong**

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Armstrong Blue Tongue™ Aluminium Grid and Perimeter/Pelmet Systems

Armstrong Blue Tongue™ Aluminium Grid Systems

Extruded aluminium grid systems are the natural complement to Armstrong acoustic ceiling panels in A-Grade commercial applications.

Armstrong delivers more than 30 years of expertise in aluminium ceiling grid solutions to the Australian and New Zealand markets.

Armstrong offers a complete range of Modular, One Way and Two Way Systems, for both Mineral Fibre and Metal ceiling panels.

Features of the Armstrong “Blue Tongue” Systems

- Full and rapid demountability and re-use of components
- Complete range of interlocking accessories
- Choice of module sizes, including 1200x1200, 1350x1350 and 1500x1500
- Engineered and tested system
- Complete integration with Perimeter/Pelmet Systems

Technical Features

- Produced from proven 6063 T5 grade extruded aluminium
- Polyester Powdercoat
- Compliant to AS/NZS2785:2000 – Suspended Ceiling Code

Perimeter/Pelmet Solutions

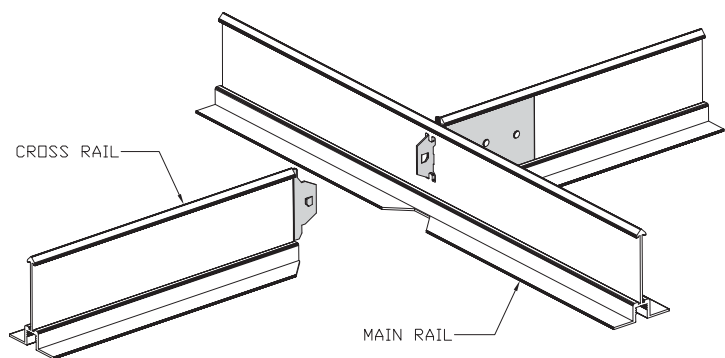
To complete the ceiling, Armstrong provides a comprehensive range of perimeter solutions, including: wall angles, transitions trims pelmets.

Custom Ceiling Solutions

In addition to a wide range of standard systems, the Armstrong Technical Services Group has the capacity of developing custom solutions to suit most commercial ceiling requirements.



Clean mitred cross runner intersection.



Armstrong “Blue Tongue” positive lock connection.

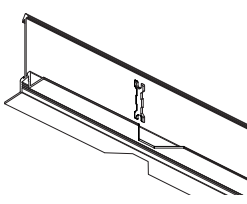
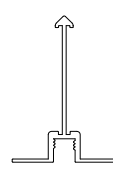
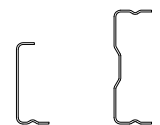


3-sided Pelmet with Air Diffuser Face Plate

Modular Ceiling Systems

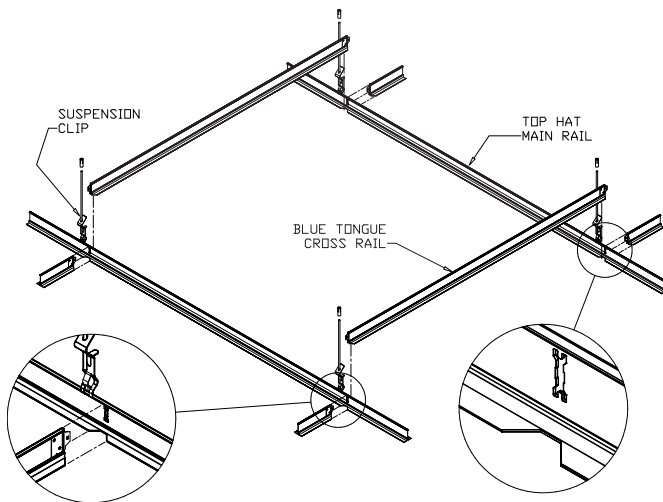


KPMG Building – King Street Wharf, Sydney

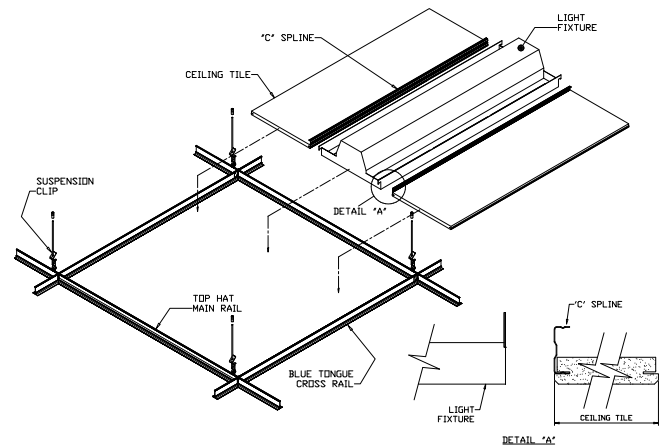
Modular System – Component Specifications				
Module:	Detail	Main Bar	Cross Runner	C-Spline (For mineral fibre panels only)
				
1200x1200mm	Item No.	ALMRTH3600	ALCRTH1200	ALSPLINE1A
	Height (mm)	45	45	25
	Face Width (mm)	32	32	10
	Length (mm)	3600	1200	1187
	Routs (mm)	1200 cc.	N/A	N/A
1350x1350mm	Item No.	ALMRTH4050	ALCRTH1350	ALSPLINE2C
	Height (mm)	45	45	25
	Face Width (mm)	32	32	10
	Length (mm)	4050	1350	1337
	Routs (mm)	1350 cc.	N/A	N/A
1500x1500mm	Item No.	ALMRTH4500	ALCRTH1500	ALSPLINE5A
	Height (mm)	50	50	35
	Face Width (mm)	32	32	11.5
	Length (mm)	4500	1500	1487
	Routs (mm)	1500 cc.	N/A	N/A

Note: Details on Perimeters, Wall Angles and Accessories – refer page 9

Armstrong Blue Tongue™ Modular System

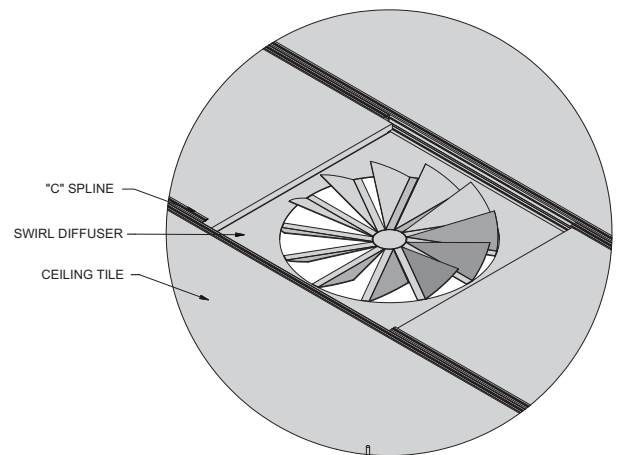
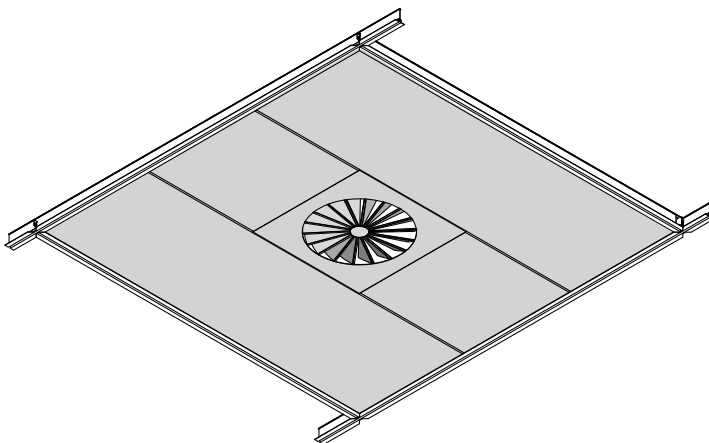


The High tensile "Blue Tongue" staked on clip – provides positive lock connection with ease of installation and demountability.



Completed grid system with panels / lights to be installed.

Note: When light fixtures are rotated 90 degrees, an additional suspension hanger is required at the mid point of each cross runner in the module. C-Splines are used only with mineral fibre panels.



Simple integration of light fixtures and swirl diffusers

Key Features

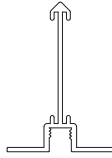
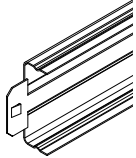
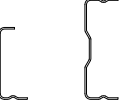
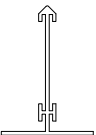
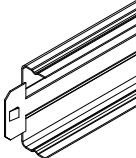

- Simplicity of square module, enabling panels and light fixtures to be rotated by 90°
- Robust extruded aluminium "top hat" profile for both primary and secondary sections
- Clean, flush fitting, mitred grid intersections
- Full and rapid demountability and re-use of components
- Complete range of interlocking accessories
- Choice of module size, including 1200x1200, 1350x1350 and 1500x1500
- Custom sizes available
- Simple panel removal and plenum access
- Mechanical services integration, including support tray options. Contact your Armstrong office for further details.

Additional information and detailed drawings on the Armstrong Blue Tongue Modular System can be found at www.armstrongceilings.com.au

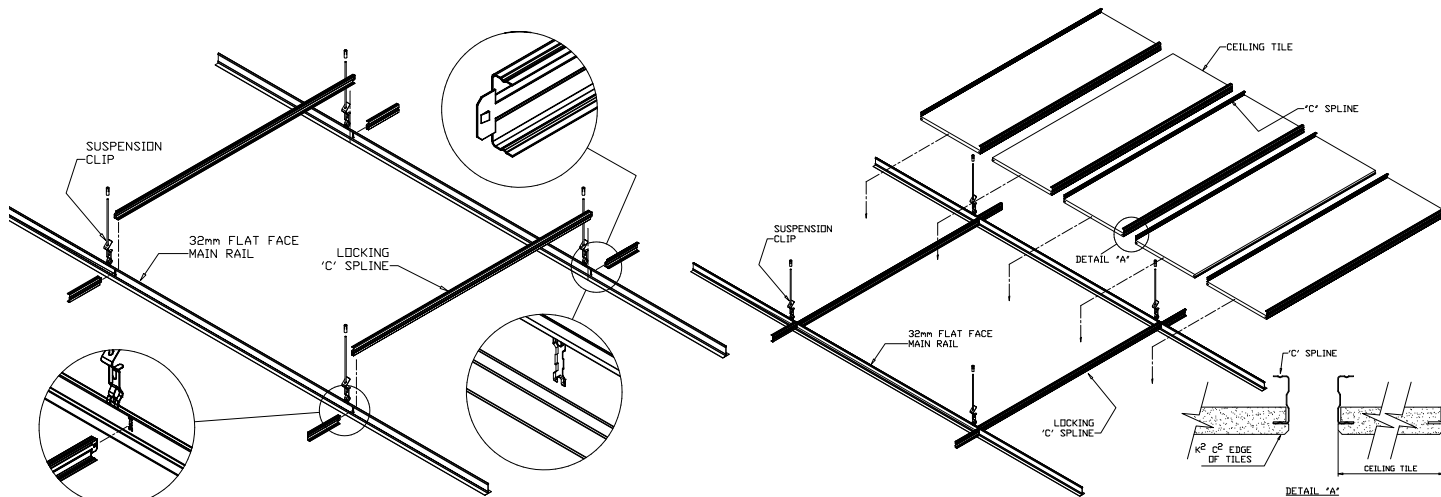
One Way Ceiling Systems

Darling Park III – Sydney NSW

One Way System for Mineral Fibre Panel – Component Specification

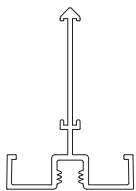
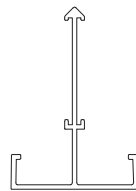
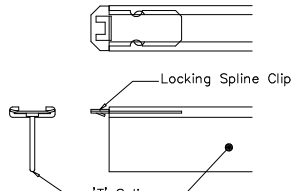
Module	Detail	Top Hat Main Bar	Locking “C” Splines	“C” Splines	Detail	Flat Face Main Bar	Locking “C” Splines	“C” Splines
								
1200mm	Item:	ALOWTH100	ALSPLINE4B	ALSPLINE1A	Item:	ALOWFF100	ALSPLINE4B	ALSPLINE1A
	Height	50	35	25	Height	50	35	25
	Face Width	32	11.5	10	Face Width	32	11.5	10
	Length	3600	1200	1187	Length	3600	1200	1187
	Routs	100cc.			Routs	100cc.		
1350mm	Item:	ALOWTH150	ALSPINE5B	ALSPLINE2C	Item:	ALOWFF150	ALSPLINE5B	ALSPLINE2C
	Height	50	35	25	Height	50	35	25
	Face Width	32	11.5	10	Face Width	32	11.5	10
	Length	3600	1350	1337	Length	3600	1350	1337
	Routs	150cc.			Routs	150cc.		
1500mm	Item:	ALOWTH100	ALSPLINE5F	ALSPLINE5A	Item:	ALOWFF100	ALSPLINE5F	ALSPLINE5A
	Height	50	35	35	Height	50	35	35
	Face Width	32	11.5	11.5	Face Width	32	11.5	11.5
	Length	3600	1500	1487	Length	3600	1500	1487
	Routs	100cc			Routs	100cc.		

Note: Details on Perimeters, Wall Angles and Accessories – refer page 9





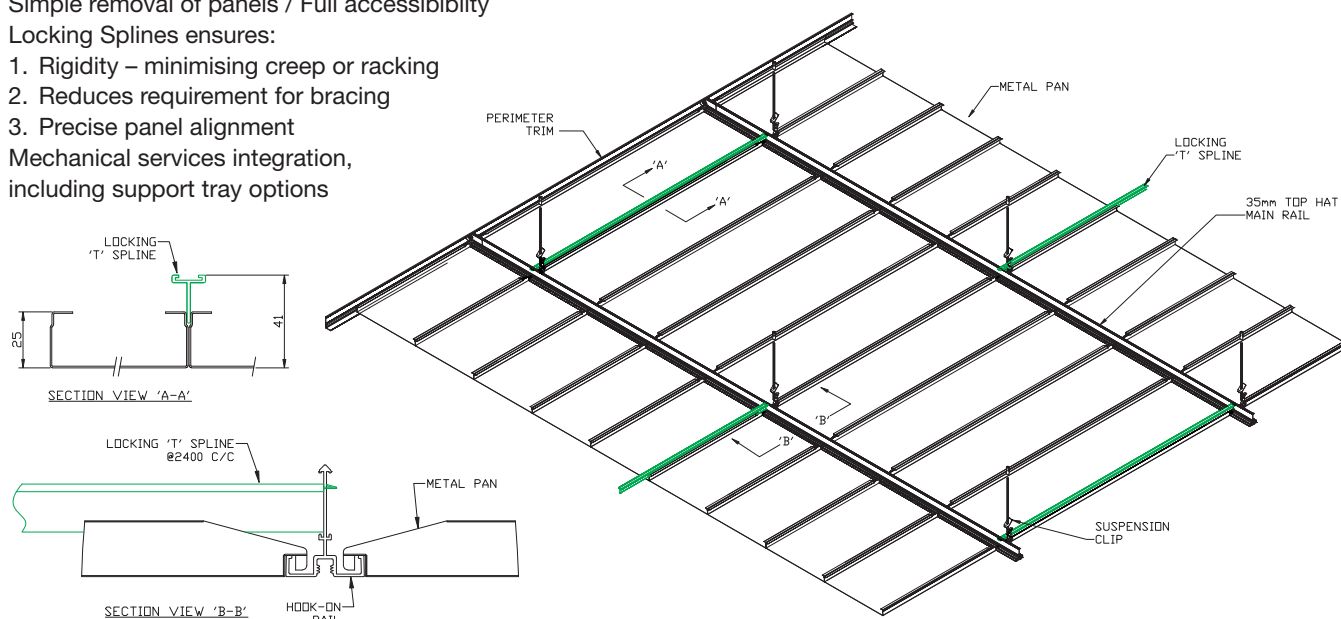
ANZ HQ – Docklands Vic

One Way Hook On System for Metal Panel – Component Specification				
Module	Detail	Top Hat Main Bar	Flat Face Main Bar	Locking Spline
1200mm 1350mm 1500mm				
	Item:	ALOWTHMR	ALOWFFMR	ALSPLINEOWH1200/1350/1500
	Height (mm)	50	50	21
	Width (mm)	35	35	15
	Length (mm)	3600	3600	1200/1350/1500
	Routs	300	300	300

Note: Details on Perimeters, Wall Angles and Accessories – refer page 9

Key Features for Armstrong One Way Systems

- Up-market visual
- Minimum Exposed Grid
- Simple removal of panels / Full accessibility
- Locking Splines ensures:
 1. Rigidity – minimising creep or racking
 2. Reduces requirement for bracing
 3. Precise panel alignment
- Mechanical services integration, including support tray options

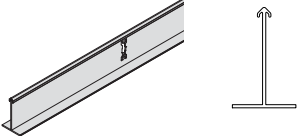
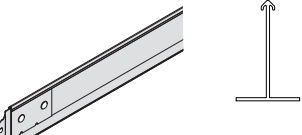


Additional information and detailed drawings on the Armstrong Blue Tongue One Way System can be found at www.armstrongceilings.com.au

Two Way Ceiling System



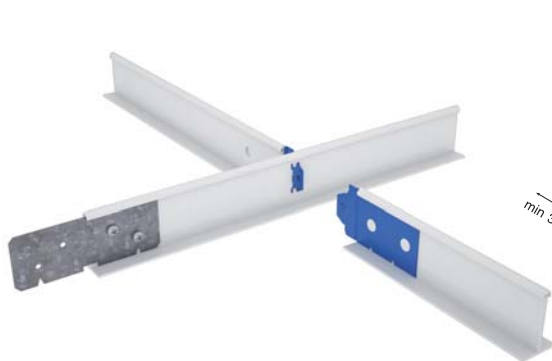
NSW Police Ctr – Parramatta NSW

	Item Number	length (mm)	Dimensions height (mm)	width (mm)	Rout Centres mm	Content / Carton		Weight / Carton kg
						pcs	lm	
Main Bar: Flat Faced 24mm Tee (Connection via M/R Joiner, item BP9338) 	BP 4640037S37	3600	38	24	300	20	72	17
Cross Runner: Flat Faced 24mm Tee (Blue Tongue Connection – flush with Main Bar) 	BP 4630037S38	1200	38	24	600	60	72	17
	BP 4620037S30	600	38	24	–	60	36	8.5

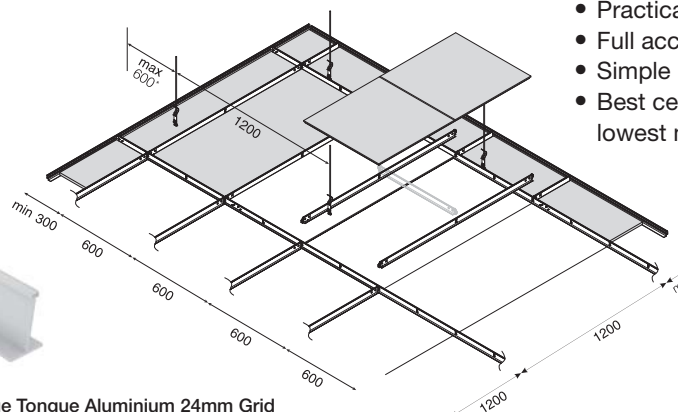
Notes:

Other Flat Faced Tee profiles are available for custom modules
 Details on Perimeters, Wall Angles and Accessories – refer page 9

System Drawing and Installation (Typical modules are 1200 x 600mm and 600 x 600mm).



Standard lay-in installation of Blue Tongue Aluminium 24mm Grid with Square or Tegular edge panels.



Key Features

- Practical and simple
- Full accessibility to plenum
- Simple removal of panels
- Best ceiling longevity with lowest maintenance costs

Additional information and detailed drawings on the Armstrong Blue Tongue Two Way System can be found at www.armstrongceilings.com.au

Perimeters / Wall Angles and Accessories

Perimeter / Transition Trims

Item:	ALPT4500LL	ALPTQLFF45	ALPTFF	ALPT3600PB	ALBULK3600SW	ALMRTH3600OS	ALMRTH4050OS	ALMRTH4500OS
Description	Top Hat with 70mm Upturn	Flat Face	Flat Face with Horizontal Leg for 13 PB	Top Hat with Horizontal Leg for 13 PB	Bulk Head Trim	Top Hat Punched one side @ 1200cc.	Top Hat Punched one side @ 1350cc.	Top Hat Punched one side @ 1500cc.
Height (mm)	70	45	45	45	38	45	45	50
Length (mm)	4500	3600	3600	3600	3600	3600	4050	4500
Width (mm)	41	24	32	32	28	32	32	32

Perimeter Trims / Accessories for One Way MetalWorks Hook On System

Item:	ALPTONEWAYS	ARM-036	ARM-035	ARM-034	ARM-033
Description / Application	Perimeter Trim	Perimeter Trim Joiner Grub screw fastening	Main Runner Joiner To suit ALOWTHMR	Roll In Clip Connects Main Runner to Perimeter Trim	Roll In Clip Connects Locking Spline to Perimeter Trim
Dimensions	51(h) x 25 (w) x 3600mm				

Perimeter Trims: Wall Angles

Item:	AL009RCPSW	AL008RCPSW
Description	Shadow line Suits roll in clip ALRIC	Std "L" Suits roll in clip ALRIC
Height (mm)	29	20
Width (mm)	29	20
Length (mm)	3600mm	3600mm

Accessories for Modular, One* and Two Way Systems

Item No.	ALRIC	ALMRJL*	ALMRJL90	ALRICL	GSD	ALSCLH
Description	Roll In Clip Small	Main Bar Joiner	90 Degree Bracket	Roll in Clip Large	Grub screw-driver	Suspension Clips
Application of Accessory Item	Connects all sections with all wall angles and Perimeter Trims / Pelmet	Connects all Main Bars: 45 and 50mm sections *M/R Joiner for Two Way System is BP9338	Used with all Main Bars 45 and 50mm sections	For connecting Main or Cross Runners to Perimeter Trims	For use with Grub screw Roll in Clip	For use on all Main Bars and Perimeter Trims

* See table above for One Way Hook On for MetalWorks.

Pelmet Systems



3-Sided Pelmet with slotted Air Diffuser Face Plate – Modular Grid and Ultima panel – Woolworths HQ, Sydney

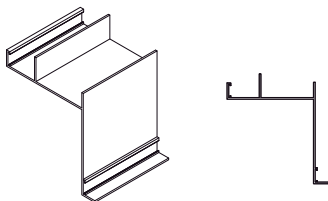
Transition in style

Regain aesthetic control of the perimeter with an Armstrong Pelmet System. The transition from pelmet to either plasterboard margin or acoustic ceiling is now simple. Armstrong Pelmet Systems are a pre-engineered solution, integrating curtain pelmets, air distribution and ceiling elevation changes. Field fabrication and on-site decisions become a thing of the past. Armstrong Pelmet Systems directly integrate with the ceiling grid via a positive locking connection clip. Concealed splice plates enable mechanical lock connections between adjacent pelmet sections.

Three easy Profiles

There are three basic aluminum extrusion profiles that provide a precise, crisp architectural detail.

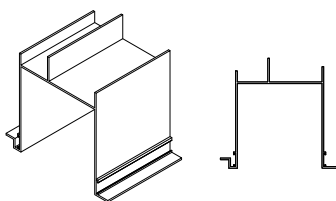
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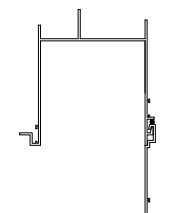
2-Sided Pelmet with transition to Acoustical/Drywall Grid

Single piece aluminium extrusion that forms a simple 2 sided pelmet. Transition to either acoustical grid or set plaster margin.

2



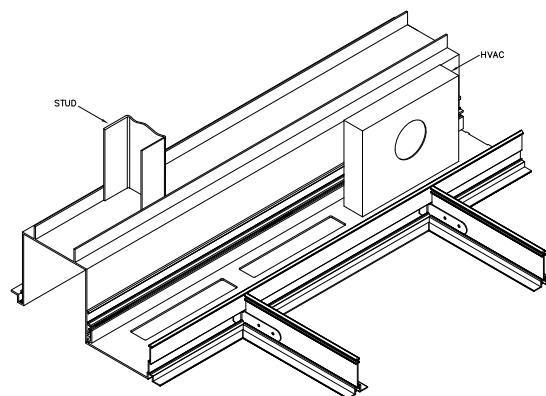
3-Sided Pelmet with transition to Acoustical/Drywall Grid



Pelmet with Extension

Pre-engineered aluminium 3 sided pelmets can be produced from one or two piece sections enabling flexibility in size of pelmet. Extension components allow for additional design flexibility and ceiling elevation changes. Transition to either acoustical grid or set plaster margin.

3



3-Sided Perimeter Pelmet with Diffuser Face Plate and transition to "Blue Tongue" Grid

Pelmets can be designed for full integration with air distribution at the perimeter. Diffuser face plate is pre-slotted according to air supply specifications. Transition to either acoustical grid or set plaster margin.



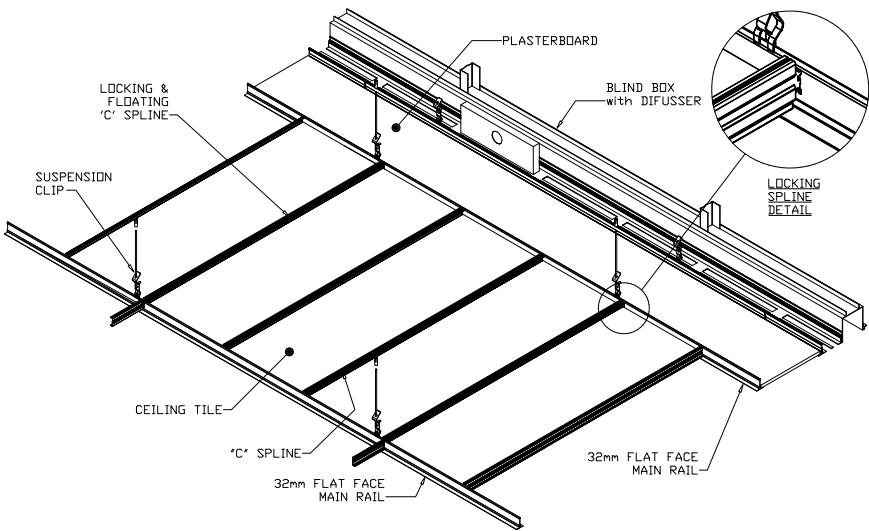
3-Sided Pelmet with Air Diffuser Face Plate



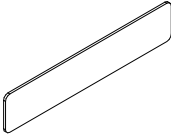
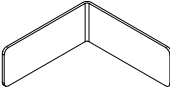
Two Piece Pelmet with Margin



Single Piece Pelmet



One Way System with Composite Pelmet

Accessories For Pelnets Sections		
		
Item:	ALMRJS	ALMRJS90
Description	Joiner for Pelmet	90 Degree Joiner for Pelmet

CEILING SYSTEMS

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Armstrong, the Global Leader in Acoustic Ceilings

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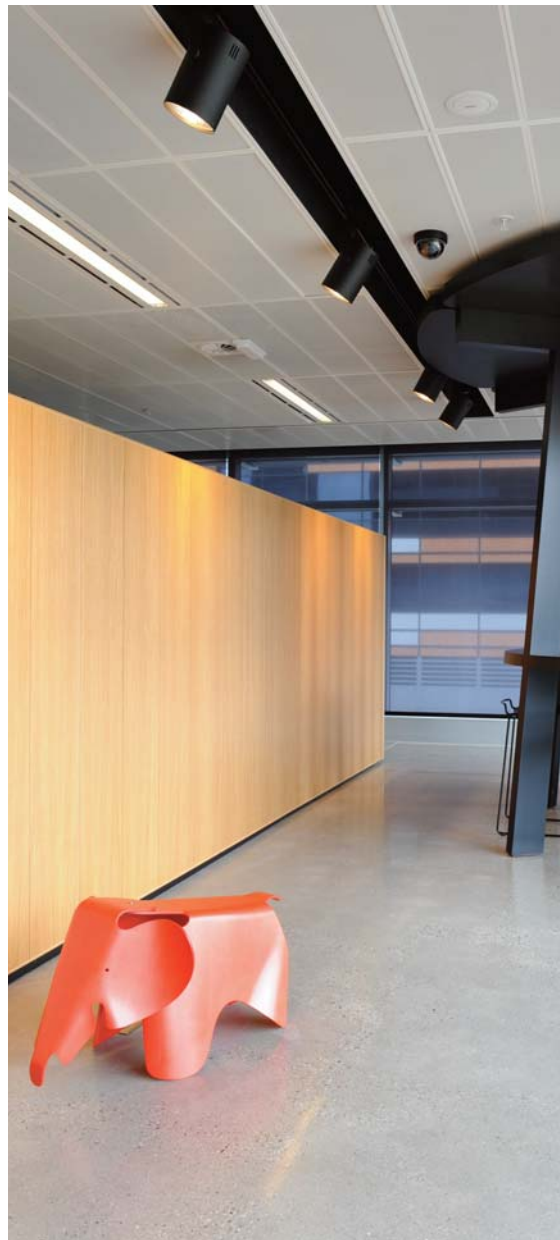
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