

APF & APFW Series (AU)

Covers 25-150mm

Technical Data:

Aluminum

- CS uses multiple alloys & tempers which are established to be the most appropriate for the given use of individual parts.
- Extrusion – 6061-T6 structural alloy.

Product Description:

This all metal cover is highly resistant to rolling loads, distortion, and wear. Maintains a virtually flush finish ideal for heavy rolling equipment. The frames are available in heights of (12-17.5mm) for 25mm expansion joints and (38mm, 50mm and 75mm) for 50, 100 & 150mm expansion joints.

Use This Cover For:

Applications with heavy rolling loads such as:

- Forklifts with full or pneumatic tyres of a permissible total weight equal to 70 kN (Tyre adhesive area 20cm x 20cm).
- Trucks with pneumatic tyres of a permissible total weight equal to 300 kN.
- Vehicles and goods handling trucks with tyres of hard plastics. The permissible load dependent on tyre width is 6.8 kg per every mm of a tyre width.

Performance Characteristics:

This expansion joint cover is hard wearing and tamper proof with no exposed fixings ideal for use in correctional facilities.

The unique interlocking cover design allows for horizontal movement in the floor slab, as well as some vertical deflection, and is designed to withstand heavy and frequent rolling loads. This system is also ideal for areas where significant foot traffic is expected such as malls and airports and is considered extremely low maintenance. The interlocking cover assembly utilizes precision gaskets to eliminate any metal-to-metal noise.

Standard Finishes:

Mill finish for APF/W-100.

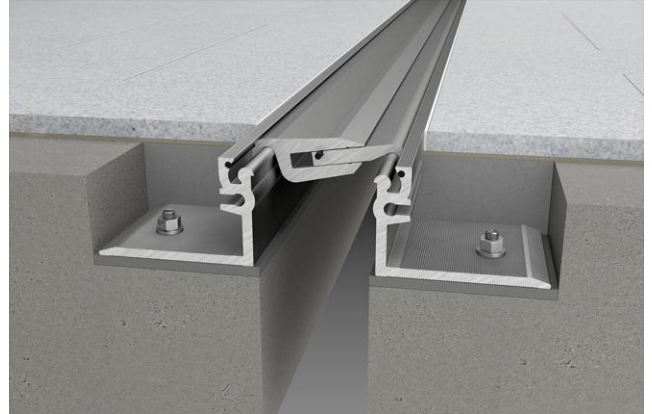
Anodised finish for APF/W-200, 400, 600.

P5 slip resistance treatment (optional).

Installation Guidelines:

The blockouts must be prepared to receive the joint cover – it is recommended the cover be leveled on a high strength, non-shrink epoxy bed. The cover assembly is delivered in a fixed position/width through the use of shipping straps engineered for the specific movement criteria of the project. Center the assembly over the joint opening and fasten in place with supplied mechanical fasteners. Remove shipping strap after attachment. Fill blockout area with high strength epoxy grout and apply floor finish as required. For complete installation instructions, please visit

www.c-sgroup.com.au.

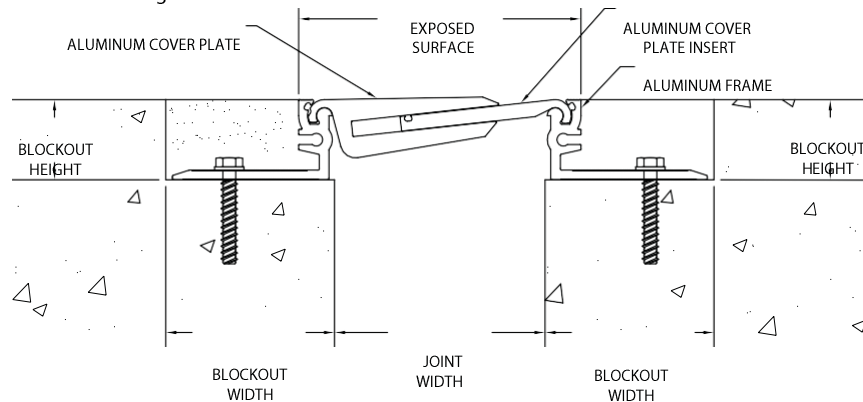


Capable of Lateral Movement

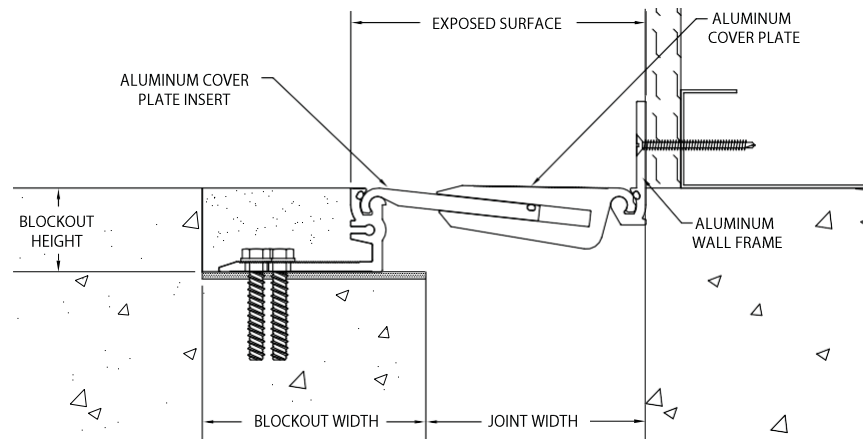
MODEL	JOINT WIDTH	MINIMUM OPENING	MAXIMUM OPENING	EXPOSED SURFACE	VERTICAL MOVEMENT*	BLOCKOUT WIDTH	BLOCKOUT HEIGHT^
APF-100	1.00" (25mm)	0.75" (19mm)	1.25" (32mm)	1.70" (43mm)	+/-0.2" (+/-5mm)	2.5" (64mm)	13mm / 25mm
APF-200	2.00" (51mm)	1.63" (41mm)	2.38" (60mm)	3.30" (84mm)	+/-0.4" (+/-10mm)	3.75" (96mm)	38mm
APF-400	4.00" (102mm)	3.25" (83mm)	4.75" (121mm)	5.28" (134mm)	+/-0.7" (+/-18mm)	3.75" (96mm)	38mm
APF-600	6.00" (152mm)	4.5" (114mm)	7.5" (191mm)	7.34" (186mm)	+/-1.18" (+/-30mm)	3.75" (96mm)	51mm
APFW-100	1.00" (25mm)	0.75" (19mm)	1.25" (32mm)	1.70" (43mm)	+/-0.2" (+/-5mm)	2.2" (56mm)	13mm / 25mm
APFW-200	2.00" (51mm)	1.63" (41mm)	2.38" (60mm)	3.30" (84mm)	+/-0.4" (+/-10mm)	4.5" (115mm)	38mm
APFW-400	4.00" (102mm)	3.25" (83mm)	4.75" (121mm)	5.28" (134mm)	+/-0.7" (+/-18mm)	4.5" (115mm)	38mm
APFW-600	6.00" (152mm)	4.5" (114mm)	7.5" (191mm)	7.34" (186mm)	+/-1.18" (+/-30mm)	4.5" (115mm)	51mm

*at install gap

^Contact CS representative for different heights.



APF



APFW



~~Fire Barrier~~
(optional)



~~Vapour Barrier~~
(optional)



~~Allows for movements~~
in all directions



~~Easy & quick to install~~



~~Heavy Duty Joint Cover~~
resists extremely heavy

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Construction Specialties™

