

SYSTEM NO. HW-D-0554				
ANSI/UL2079	Nominal Joint Width - See Chart, Section 3	L Rating at Ambient - Less Than 1 CFM/Lin Ft		
Assembly Ratings - 1 and 2 Hr	Class II or III Movement Capabilities - See Chart, Section 3	L Rating at 400°F - Less Than 1 CFM/Lin Ft		

3. Joint System — Max separation between bottom of floor and top of gypsum board (at time of installation) is 1/2 in. (13 mm). The joint system is designed to accommodate a max 80 percent compression and or 30 percent extension from its installed width. When 3A is used, max separation between bottom of floor and top of gypsum board is 3/8 in. (10 mm) or 3/4 in. (19 mm) (at the time of installation). The joint system is designed to accommodate a max 80 percent compression and 33 percent extension from its installed width. When 3A1 is used, max separation between bottom of floor and top of gypsum board is 3/8 in. (10 mm) or 3/4 in. (19 mm) (at the time of installation). The joint system is designed to accommodate a max 80 percent compression and 33 percent extension from its installed width. When 3A1 is used the max nominal joint width is 1/2 in. (13 mm) and the movement is 80 percent compression and 30 percent extension. When 3B or 3A4 is used to fill in the nominal gap, the maximum installed joint width is 3/4 in. (19 mm) and the movement is 80% compression and 33% extension. When Item 3A2 is used, the maximum installed joint width is 1/2 in. (13 mm) and the movement is max 80% compression and 30% extension. When 3A3 is used to fill nominal gap, the maximum installed width is 1/2 in. (13 mm) and movement is 75% compression and 25% extension. When item 3A8 is used the joint will accommodate 100% compression/extension for nominal 1/4 in. (6mm) gaps or compression only for 1/2 in. (12mm) gaps. When 3A9 is used, the maximum installed joint width is 3/8 in. (9.5 mm) and the movement is 50% compression only.

ltem	Product	Max Gap	Movement
3A	FAS Track 1000 (CEMCO)	3/8"	80% Comp 33% Ext
3A1	DDA-1 (CEMCO)	1/2"	80% Comp 30% Ext
3A2	HOTROD Type-X (CEMCO, MARINO/WARE)	3/4"	80% Comp 30% Ext
3A3	HOTROD Type-X (CEMCO, MARINO/WARE)	1/2"	75% Comp 25% Ext
3A4	HOTROD Type-XL (CEMCO, MARINO/WARE, TRIM-TEX)	3/4"	80% Comp 33% Ext
3A5	Fire Bead (CEMCO, MARINO/WARE, TRIM-TEX)	1/2"	50% Comp 0% Ext
3A6	Fire Gasket 1 (CEMCO, MARINO/WARE, TRIM-TEX)	1/2"	100% Comp 100% Ext
3A6	Fire Gasket 1 (CEMCO, NHARINO/WARE, TRIM-TEX)	1"	100% Comp 0% Ext
3A7	Fire Gasket 1.5 (CEMCO, MARINO/WARE, TRIM-TEX)	3/4"	100% Comp 100% Ext
3A7	Fire Gasket 1.5 (CEMCO, MARINO/WARE, TRIM-TEX)	1-1/2"	100% Comp 0% Ext
3A8	Fire Gasket 0.5 (CEMCO, MARINO/WARE, TRIM-TEX)	1/4"	100% Comp 100% Ext
3A8	Fire Gasket 0.5 (CEMCO, MARINO/WARE, TRIM-TEX)	1/2"	100% Comp 0% Ext
3A9	Super Seal-X (CEMCO, MARINO/WARE, TRIM-TEX)	3/8"	50% Comp 0% Ext

- B. Packing Material (Not Shown) When Item 3A or 3A1 is installed A continuous length of open cell polyurethane foam with a nominal diameter of 1/8 in. (3.2 mm) greater than the max width of the joint. The foam shall have a nominal density of 1.7 pcf. The foam is to be placed in the joint above the top edge of the drywall between the concrete slab. Any splices are to be tightly butted. A layer of tape and joint compound can then be applied over the open cell foam.
- C. Fill, Void or Cavity Material* Sealant (Optional, Not Shown) Where HOTROD (Item 3A3) or backer rod (Item 3B) is not installed, sealant may be used to seal any gaps at end joints between ceiling runners to maintain L Ratings.

UNITED STATES GYPSUM CO — Type AS

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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