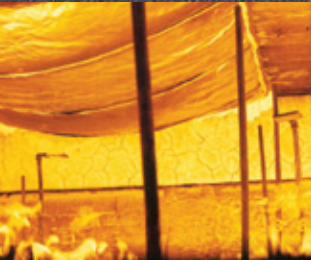


# No matter what joint cover you need, we've got the right fire barrier.

When an expansion or seismic joint passes through a fire-rated structure, it is necessary to maintain the fire integrity of that structure. Maintaining the integrity of a 2" wide joint is quite simple; however, a joint designed for seismic movement up to 24 inches becomes a more difficult proposition. In general, the wider the joint, the more complex the fire barrier. C/S has simplified our fire barrier for small joint sizes for easy installation and to maximize cost effectiveness (see Reflex). Floor applications are relatively simple configurations regardless of joint size unless lateral shear is required. Walls can be more complex.



### UL Testing

C/S tests all of its fire barriers at Underwriters Laboratories (UL) because they represent the most stringent and universally accepted testing authority including UL 2079 "Cycling" Tests.



All C/S fire barriers require only one barrier in the wall and require that the studs be wrapped with drywall to maintain full integrity (includes shaft walls). Variations in wall configurations and transitions between adjacent fire barriers make it critical to consult the manufacturer. C/S has a technical expert available to assist you in detailing these applications. Since 1996 building codes require fire barriers to limit the passing of heat and flame for 2, 3 and sometimes 4 hours, as well as accommodating the dynamic movement for which the joint was designed. ASTM E 1966 and UL 2079 specify criteria for "cycling" a fire barrier 500 times prior to fire testing.



### Reflex® 1"-4"

Stainless steel foil drape with block insulation affords maximum economy in material and installation. Wall barriers limited to 1"-4" joints and require no stainless foil.

NOMINAL JOINT WIDTH	C/S MODEL FLOORS	C/S MODEL GYPSUM WALL	C/S MODEL MASONRY WALL
1	RFX-1F RFX-1X	RFX-1W (GYP.)	RFX-1W (CONC) RFX-1W (1 HR CONC)
2	RFX-2F RFX-2F	RFX-2W (GYP.) RFX-2W (1 HR GYP.)	RFX-2W (CONC) RFX-2W (1 HR CONC)
3	RFX-3F		
4	RFX-4F		

For wall applications over 2" please see Multiflex offering.



### Monoflex (OFX) 3"-20" & Multiflex® (MFX) 3"-12"

"Sandwich" assembly of layers of stainless steel foil and insulation contained in a stainless steel mesh. Multiflex should be used where lateral shear is required in floor applications having a 3"-12" joint width.

NOMINAL JOINT WIDTH	C/S MODEL FLOORS	C/S MODEL GYPSUM WALL	C/S MODEL MASONRY WALL
3-20	OFX-3F-20F	OFX-3W-20W (GYP)	OFX-3W-20W (CONC)
3-12	MFX-3F-12F	OFX-3W-12W (GYP)	OFX-3W-12W (CONC)



### FB97 13"-Up

Multiple drape configurations of stainless foil and insulation utilizing air pockets for additional insulation performance. Sliding frame available for 100% lateral shear applications in floors.

NOMINAL JOINT WIDTH	C/S MODEL FLOORS	C/S MODEL GYPSUM WALL	C/S MODEL MASONRY WALL
13-24	FB97-13-24	FB97-13-24 (GYP)	FB97-13-24 (CONC)
25-36	FB97-25-36	NA	NA
13-24	FB97-13(LS)-24(LS)	NA	NA
25-36	FB97-25(LS)-36(LS)	NA	NA

"LS" designation indicates a special adaptation of the floor fire barrier to accommodate Lateral Shear movement. FB-97 wall fire barriers naturally provide lateral shear movement.





**Construction Specialties™**

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### **The C/S Family of Products**

For more than 60 years, Construction Specialties has been a leader in architectural specialty products, including: Acrovyn® Wall and Door Protection, Pedisystems® Entrance Flooring, Expansion Joint Covers, Cubicle Track and Curtains, Smoke and Explosion Venting Systems, Architectural Grilles, Architectural Louvers and Sun Controls.

We have operations throughout the world and can provide C/S Products virtually anywhere. For a complete list of our international locations, visit [www.c-sgroup.com](http://www.c-sgroup.com).



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