

## BLACK ROCK FIREPROOF COLUMN

## THE PROOF IS IN THE COLUMN

Black Rock Fireproof Column manufactures durable, aesthetically designed prefabricated fireproof columns. Black Rock Fireproof Columns are UL and AISC certified and offer several types of cost savings to building owners.

Black Rock's round, square, and rectangular shapes (along with customized shapes and sizes) are designed for exposed exterior and interior loadbearing columns. They are utilized in hospitals, schools, dormitories, cafeterias, shopping centers, and countless other structures. The columns are the premier choice for parking garages and high traffic entryways because of their protective steel shells.

Our structural steel WF, pipe, and HSS squares and rectangular shapes meet ASTM and AISC standards, and all steel and concrete meets or exceeds UL regulations.

## Black Rock Fireproof Columns save owners cost and installation time through:

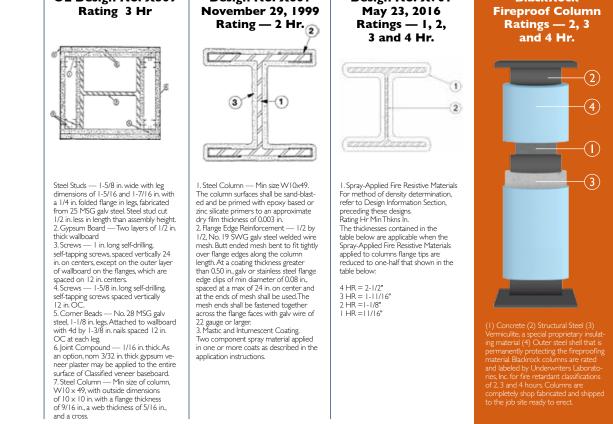
- Factory fireproofing (in-shop labor eliminates need for field labor to apply other forms of fireproofing)
- Exacting quality control performed by our in-shop factory professionals
- Decreased long-term maintenance costs and the added durability of exterior steel shells
- Predictable scheduling as Black Rock Fireproof Columns are delivered to site completely fabricated, fireproofed, and ready for erection
- No additional trades needed for on-site fireproofing
- Added security and confidence of working with an AISC-certified structural fireproof column fabricator

Black Rock assures on-time deliveries by maintaining our own trucking fleet of 15 tractors and 40 trailers. We also tap into our network of over-the-road trucking firms whenever needed to meet owner demands.



## Prefabricated Building Column Cost Comparisons Costs based on a 10 x 10 Column @ 12' Tall (Open shop rates)

	Sheetrock Encased 2 Layers, 2 HR, UL X509	Intumescent 2 HR Field Applied Coating	Spray on Fireproofing as per UL X716, 2 HR, 9/16" Thickness	BRFC "BRIDGEPORT" 2 HR TYPE SS X106
Labor	\$550 4 Hours- frame and sheetrock 4 Hours - bead and tape	\$300 4 Hours - Install back up framing and install column cover	\$300 2 - two-hour days per column	\$300
Material	\$225	\$1,650	\$50	\$650
Equipment	\$125 Lift Rental	\$125 Lift Rental	\$50	
Column cover			\$1,500	
Onsite lost time	I Day	I Day	2 Days	No Days Lost
Total Initial Cost	\$900	\$2,075	\$1,900	\$950
Maintenance Costs	\$450 Patching holes and re-beeding, taping and painting every 5 years	<b>\$925</b> Relacing FRP Column Cover every 10 Years	<b>\$950</b> Re-apply spray on fireproofing once every 10 years	
Total 30-Year Cost	\$3,600	\$7,625	\$7,600	\$950
	UL Design No. X509 Rating 3 Hr	Design No. X601 November 29, 1999	Design No. X701 May 23, 2016	BlackRock Fireproof Column





**BLACKROCKFIREPROOF.COM** 

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