



**BLACK ROCK
FIREPROOF COLUMN**
A DIVISION OF UNITED STEEL

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.

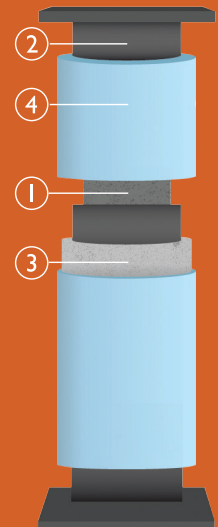
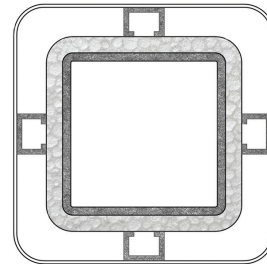
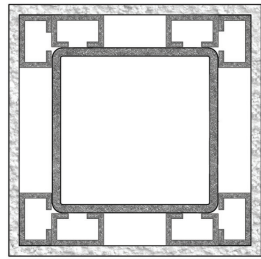
See Reverse for Cost Analysis →



Prefabricated Building Column Cost Comparisons

Costs based on a 10 × 10 Column @ 12' Tall (Open shop rates)

	Sheetrock Encased 2 Layers, 2 HR, SS X106	Intumescent 2 HR Coatings	Spray on Fireproofing as per UL X716, 2 HR, 9/16" Thickness	BRFC "BRIDGEPORT" 2 HR TYPE SS X106
Labor	\$300	\$435	\$300	\$300
Material	\$200	\$915	\$200	\$350
Equipment	\$50	\$200	\$50	-----
Column cover	-----	-----	\$1,500	-----
Onsite lost time	One Day	Three Days +Special Inspection	Two Days +Special Inspection	No Days Lost
Total Initial Cost	\$550	\$1,550	\$2,050	\$650
Finished Size	15.25"	10.8"	16"	12"



BlackRock Fireproof Column Ratings — 2, 3 and 4 Hr.

(1) Concrete (2) Structural Steel (3) Vermiculite, a special proprietary insulating material (4) Outer steel shell that is permanently protecting the fireproofing material. Blackrock columns are rated and labeled by Underwriters Laboratories, Inc. for fire retardant classifications of 2, 3 and 4 hours. Columns are completely shop fabricated and shipped to the job site ready to erect.



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An Affirmative Action/Equal Opportunity Employer

BLACKROCKFIREPROOF.COM

1-800-270-5882 | info@blackrockfireproof.com
164 School Street, East Hartford, CT 06108

