

# Precast vs Fireproofed Steel Cost

Example Rack: 200' Long, 25' Wide, 50' Tall w/5 Levels & Solid Deck on 100' of Top

## Steel:

Fab & Galv. (172 tons @ \$1.5)	\$516,000
Delv. to F/p Shop	\$6,000
Shop Fireproof (33,000 sf @ \$15.00*)	\$495,000
Delv. to Job	\$9,000
Erect Steel (30 MH/t x \$60/MH)	\$309,600
Scaffolding for F/ping (\$0.75/ft <sup>3</sup> )	\$260,850
F/p Block-Outs (1.0 MH/ft <sup>2</sup> )	\$520,000
Bar Grate	\$40,500
Install Bar Grate	<u>\$21,600</u>
	<b>\$2,178,550</b>

\*2 hr. rating with LtWt Cementitious,  
Δ to \$30/sf if Intumescent Epoxy.

## Precast:

Fab & Deliver (151 pieces)	\$905,712
Erect Precast (10 man crew @ 8 pcs/day)	\$90,000
Grout Precast	<u>\$25,000</u>
	<b>\$1,020,712</b>

Precast is 47% of Fireproofed Steel Cost