

**For Superior
Fire & Heat
Resistance**

Stainless Steel

- **High Strength at High Temperatures***
- **Minimal Structural Deflection**
- **No Toxic Fumes**
- **Minimal Heat Transfer**
- **Less Investment in Protection Systems**

Typical Applications

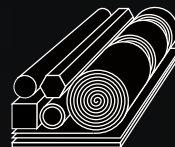
- **Firedoors**
- **Heat Shielding & Barriers**
- **Flooring & Roofing**
- **Stairwells**
- **Handrails**
- **Electrical Ducts**
- **Smoke & Fume Stacks**

*** P R O V E N F I R E R E S I S T A N C E**

MATERIAL	TEST TIME	AV. TEMP.	MAX. TEMP.	RESULT
FIBERGLASS	6 MIN.	380F	430F	TOTAL FAILURE
ALUMINUM	12 MIN.	480F	510F	TOTAL FAILURE
GALVANIZED STEEL	120 MIN.	1025F	1030F	MAJOR DEFORMATION & LOSS OF ZINC
STAINLESS STEEL	180 MIN.	1030F	1050F	VERY MODERATE DEFORMATION

Wide experience in countless uses and laboratory testing clearly demonstrate the superiority of stainless steel over ordinary steel (including galvanized), aluminum, fiberglass and other construction materials.

Fire testing: Darchem Engineering, Nickel Development Institute, Chrome Center. Contact SSINA for reports.



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