

Fire Resistant Steel (FR)

The use of fire resistant steels successfully reduces the amount of fire protection.

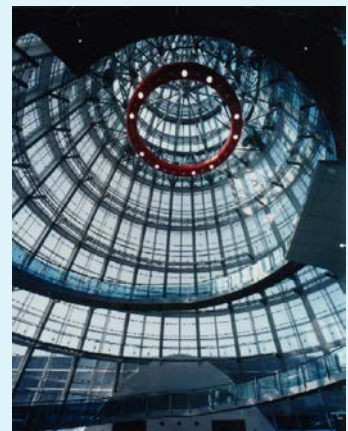
- Eliminating fire protection specifications enables cost reduction, shorter construction period, and improved work environment compared to traditional buildings.



Application examples for multi-storey open car park



Application examples for external steel frame structures



Application examples for Atrium

Applicable sector

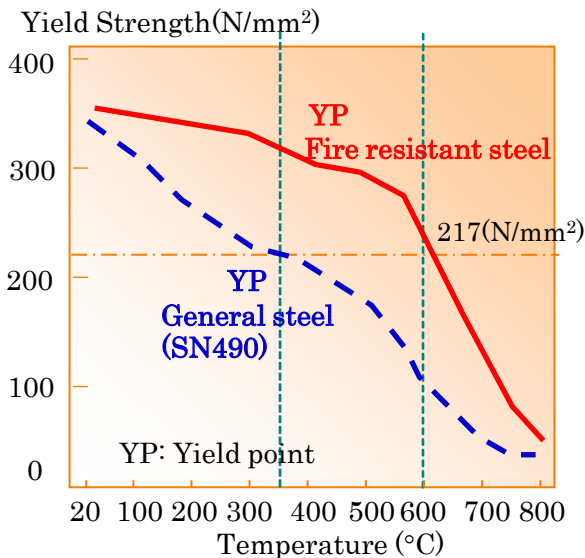
Multi-storey
open car park

External steel
frame structures

Atrium

Feature

The steel materials which are superior in high temperature performance



- ✓ The proof stress at 600 ° C guarantees more than 2/3 of the normal temperature value of standard.

The performance of FR Steel at room temp. corresponds to that specified in the standards for ASTM A 1034, JIS G 3136

The design, workability, weldability of FR Steel at room temp. are the same as those of general steel.

Track Record

Overseas: None

Japan: A lot of past records available since its introduction in 1989.(multi-storey car park, atrium others.)

Cost

For particulars, please contact us using the contact information below.

Contact

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