

Concrete-filled Tube Column

# EQST Column

Earth Quake Strong Tube



### Technology

Structural Pipe certified by the Steel Association of Seismic steel

steel tube

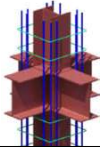
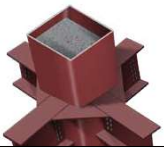


reduce construction duration with no formwork

Local bucking Restriction

Reduction in cross section

### Comparison between SRC and EQST

Type	SRC col.	CFT col.
shape		
Characteristics	6 steps of installation process → increase project duration	only 3 steps of installation process → reduce project duration and column size
Fire-proofing protection	none	Fire-proofing clad and paint
Economical analysis	100%	82-87%

### Comparisons

● Excellent ● Good ● Normal

Type	CFT Str.	RC Str.	SRC Str.	STEEL Str.
space utilization	●	●	●	●
Fire-resistance	●	●	●	●
Applicability for high-Rise Building	●	●	●	●
Constructability	●	●	●	●
Economic feasibility	●	●	●	●

### Building Application



Downtown with top-down construction



factory and logistics warehouse



Commercial Facilities and Department Store

### Applications

