

February 18, 2020

As part of our continuous improvement process, Quantum Chemical has launched our new and improved **SafeCoat® Steel** structural steel protection. As a competitive and robust replacement for our current **SafeCoat® TFI**, **SafeCoat® Steel** provides the following additional features and benefits at the same great cost per square foot.

- **NEW NAME: SafeCoat® Steel**
 - self-explanatory
 - simple to remember
- **Properties**
 - excellent consistency
 - improved viscosity
 - improved shelf-life
- **Application**
 - easier and more consistent spraying
 - mechanical mixing used for thinning, eliminating mil thickness re-calculations required when thinning with water
- **Less is More**
 - higher solids per volume
 - less coats required
- **Cost Effective**
 - many great benefits at the current price per square foot

SUPPORT

Our engineering team is available to provide mil thicknesses on various sizes and types of steel members according to each project-specific rating requirement. The research team will answer product and application questions.

In addition to our current Quality Control Form used by applicators, we have our Quantum QC App available for on-site digital quality control of application and approval processes.

Our technical sales personnel are available to answer all your queries regarding the complexities of fire protection and our full line of **SafeCoat®** fire retardant products.

Intertek Tested and Listed

- An independent fire test lab readily accepted in both Canada and the US
- Various types and sizes of tested steel members for more extensive mil thickness data

Test	Rating	Listing Design Number
CAN/ULC S-102-18	Flame Spread Class A (0)	
CAN/ULC S-102-18	Smoke Developed Class A (25)	
UL 263 (2011) CAN/ULC S-101 (2014) ASTM E119 (2018a)	Fire Resistance 30-120 minutes (Contact the manufacturer for mil thicknesses to achieve your required rating which varies depending on the steel member type and size.)	QTS/IF 120-01 Intertek: Listing Section(s): ROOF/CEILING FLOOR/ CEILING BEAM & COLUMN ASSEMBLIES. CSI Code(s): 07 81 00 Applied Fireproofing 07 00 00 Thermal and Moisture Protection 07 81 23 Intumescent Fireproofing