



STEELGUARD® 652

Water-based passive fire protection solution

Fire Protection



Reduced
Material
Consumption



Low
VOC



UL 263
Certified



Up to Two
Hour Fire
Protection



**Low-VOC, water-based solution
certified to provide up to two hours of
fire protection for structural steelwork**

PPG Steelguard 652 is a cellulosic passive fire protection (CPFP) coating, engineered to safeguard critical infrastructure. It combines excellent corrosion resistance and proven UL-certified fire protection with a high-end finish to protect and beautify the world.

This applicator-friendly solution is spray-applied using standard PFP airless spray equipment to work the way you do. Its advanced formula helps reduce clogging for a smooth application and an exceptionally smooth finish, with a low applied thickness.

PPG Steelguard 652 stands out for its physical properties, including high bond strength (>340 psi) and impact resistance (152 in-lbs.) providing lasting protection for up to 20 years.

Learn more or explore all of the coating options available from PPG's Protective and Marine Coatings business by visiting PPGPMC.com.



We protect and
beautify the world®



STEELGUARD® 652



Low certified thickness leading to lower volume needed.



Proven for up to 2 hours of fire protection



UL 263 Certified



Low VOC emissions allow efficient trade stacking at complex construction sites

Product Characteristics

Chemistry	Waterborne intumescent coating
# of Components	One component
Application	Easy application for experienced PFP applicators using standard PFP airless spray equipment
End Use	Interior general purpose for structural steelwork
Certification	Independently tested and certified to: UL263, CAN/ULC-S101, UL2431 II-A-3 Classification
Color/Gloss	White Matte

Technical Features

Volume Solids	70 +/- 3%
VOC (Supplied)	EPA Method 24: 0.0 lb/US gal (3.1 g/l)
Recommended Dry Film Thickness	200 - 700 µm (8 - 28 mils) per coat
Dry to Touch	1 Hour
Overcoating Interval	Min: 3 Hours Max: Unlimited
Curing Time for DFT up to 700 µm (28 mils)	50°F (10°C) 1.5 hours 68°F (20°C) 1 hour 86°F (30°C) 30 minutes 104°F (40°C) 10 minutes

Learn more at ppgpmc.com

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