



Star Polymers Coatings are a
S.M.A.R.T.
Choice for Today's Industrial
Applications

FEATURES:

FireSafe 300 is the next generation of multi-functional fire retardant coatings designed not only to effectively retard flame spread and smoke generation when exposed to fire but to protect the substrate from both fire and water damage. FireSafe 300 is applied as a single component liquid and cures to a flexible elastic fire retardant membrane that also resists degradation from UV or water exposure. FireSafe 300 is cold applied using a spray pump system or roller and used with a wide range of substrates.

FireSafe 300™ Coating

Innovations offer multiple benefits with one easy to apply high tech coating.

FireSafe 300 has been specifically engineered to be Safe, Environmentally Friendly and Highly Effective for Today's most demanding **Mining Applications.**

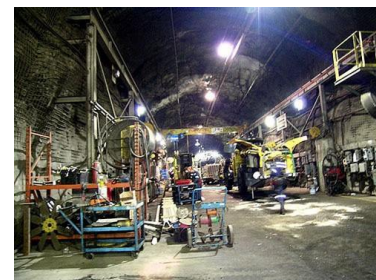
Examples of where FireSafe 300 can give safety benefits are on Machinery, Ventilation Ducts, Equipment, Structures and more. FireSafe 300 provides a line of defense against fire and smoke, to help give precious time for Evacuation in the event of a fire.

Superior
Multi-Use
Appplied
Resistive
Technologies

PHYSICAL PROPERTIES (Liquid)	
PROPERTY	TYPICAL RESULTS
Colour See	See colour chart
Specific gravity (liquid) g/m ³	Approx. 1.2
Odour	None
Volatile Organic Compound	Contains no solvents
Solids Content	62 – 66%
Viscosity, Brookfield	5000 – 8000
pH	8 - 11

PERFORMANCE DATA (Cured membrane)	
PROPERTY	TYPICAL RESULTS
Colour	See colour chart
Specific gravity (liquid) g/m ³	Approx. 1.2
Chemical resistance	Resists salt water and many organic and inorganic solutions
Tensile Strength ASTM D 412, kPa (psi)	1000 (145)
Elongation, %	400%
Adhesion to concrete ASTM C 907 kPa (psi)	1000 (145)
Sag flow	None
Low temperature mandrel CGSB 37.58-M86, para. 7.2.6, - 15o C	Pass
Hardness, Durometer Type 00	85-90
Hardness, Durometer Type A	60-65
Hardness, Durometer Type D	30-35
Coefficient of friction (static)	0.55
Abrasion resistance	Good – Very Good
FM Global	Class A

Cured Membrane		Coverage		
Mils	mm	ft ² /gal	ft ² /litre	m ² /litre
40	1.00	30	7.93	0.74
80	2.00	15	3.96	0.37
120	3.00	10	2.64	0.24



Free of
Flammable
Solvents
Non-toxic
VOC Free
Odorless
Water-based

Canadian Made



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