

# XO2/FR (Fire Retardant)

The XO2 designation defines the incredible strength, excellent slip-resistance, superior elongation as well as unequaled U.V. and color stability of this thick-film (62-260 mils) spray-applied coating system. The FR designation means that this coating configuration meets the requirements of the Federal Aviation Rule 29.853 (a) (2) for flammability and self-extinguishing fire retardant.

## **FAR 29.853 Vertical Flammability Results — 12 Second Burn @ 1,600 degrees (1)**

Burn Length	0.10 inch	After Flame Removed to Extinguish	0.10 Sec.
		Drip Time to Flame Extinguish	0.10/Sec.

The Scorpion XO2/FR protective coating system is an acrylic-reinforced polyurethane that is spray-applied to concrete, fiberglass, metals and wood. It can be applied by your staff using simple, inexpensive equipment.

Floors - Walls - Ceilings - Storage Compartments - Equipment Protection - Components Protection. A Protective Coating System where you need it.

*Imagine what you can offer your clients with XO2/FR's unlimited applications.*

## Toxicity Burn Test Results

BSS 7239, ATS 1000/ABD0031 toxicity release results under FAA standards (2)

GASES	LIMITS @ 4 MINUTES	FLAMING/ RESULTS	PASS/FAIL
HCN	150 PPM	10 PPM	PASS
CO	3500 PPM	200 PPM	PASS
NO - NO2	100 PPM	6 PPM	PASS
SO2	100 PPM	< 1 PPM	PASS
HF	100 PPM	< 1 PPM	PASS
HCL	150 PPM	10 PPM	PASS



**Scorpion Protective Coatings, Inc.**  
6184 South US 231  
Cloverdale, Indiana 46120  
800-483-9087  
www.scorpioncoatings.com

### NOTES

1: Testing conducted by Flame-Out, Inc., FAA Approved Test Center, 113 North 2nd, P.O. Box 96, Pleasant Dale, NE 68423. Phone: (402) 795-5335. Email: [flameout@incmebr.com](mailto:flameout@incmebr.com)

2: Testing conducted by Herb Curry, Inc., Flammability Technology Services, FAA-DER, 1701 Leonard Rd., P.O. Box 753, Mount Vernon, IN 47620. Phone: (812) 838-6703. FAX: (812) 838-6712.