



### VOC - UV Pro Coatings vs. Conventional Floor Finish

Volatile organic compounds (VOCs) are organic chemicals that have a high vapor pressure at ordinary, room-temperature conditions. Their high vapor pressure results from a low boiling point, which causes large numbers of molecules to evaporate or sublime from the liquid or solid form of the compound and enter the surrounding air.

Organic compounds are used frequently in formulations designed for use in floor care. Different compounds result in different types and levels of VOC emissions. The following chart is a comparison of VOC's released into the environment when UV Pro-Shine is utilized compared to one of the most frequently used commercial floor finishes on the market today.

Sometime the presents of VOC can be indentified buy an odor. That said, odor in itself does not signify the level, type or even the presence of a harmful VOC.

One of the most commonly used commercial floor finish on the market today has a total formula VOC percent rating of .95. UV Pro-Shine has a total percent rating of .27.

**XYZ Floor Finish**

Total formula percent rating of VOC- 0.95 per coat, typical 6 coat application  
Coverage at 2000 sq2 per gallon

**UV Pro-Shine**

Total formula percent rating of VOC- 0.27 per coat, 1 coat required  
Coverage of 800 sq2 per

	VOC Emission at 2000 sq ft	VOC Emission at 10,000 sq ft	VOC Emission at 50,000 sq ft	VOC Emission at 100,000 sq ft
<b>XYZ Floor Finish 6 Coats</b>	<b>5.7</b>	<b>28.5</b>	<b>142.5</b>	<b>285</b>
<b>UV Pro-Shine 1 Coat</b>	<b>0.68</b>	<b>3.4</b>	<b>17.0</b>	<b>34.0</b>

The deterioration of air quality buy emission of harmful VOC's is only part of the equation. UV Pro-Shine is the foundation of a no-buff flooring protection system designed to address and protect air quality. XYZ floor finish requires buffing to maintain gloss and slip resistance claims as promoted.



*Environmentally Responsible, Connfield Floors Implements and Promotes GREEN!*