

# POWDER COAT

# DOORS

## The Latest Innovation from VT Industries

Introducing an innovative new product from VT Industries - **VT Powder Coat Doors**. These new doors provide enhanced durability, impact, and scratch resistance for high-traffic areas. VT's unique Powder Coat technology uses a thermoset process to cover the entire surface of the door with a durable, scratch-resistant shell.

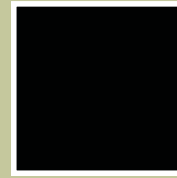
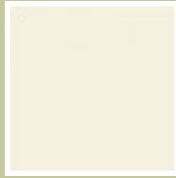
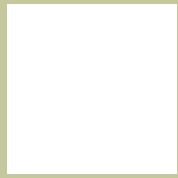
## DURABILITY

VT's Powder Coat doors were tested in accordance to ASTM and NEMA Standards for abrasion, impact resistance, and stain resistance. The following chart represents the results of independent 3rd party testing.

Test	General & Test Information	Results
<p><b>ASTM D4060-07</b> -- Standard test method for Abrasion Resistance of Organic Coatings by the Taber Abraser.</p> <p>This test measures the amount of weight lost when a sample is subject to abrasion with a weighted material for a specified number of cycles.</p>	<p>VT's Powder Coat doors (micro-texture and smooth) significantly out perform lacquer painted doors in surface abrasion testing when measured in accordance to ASTM D4060-07.</p>	<p><b>Powder Coat micro-texture doors</b> - 66 milligrams lost</p> <p><b>Powder Coat smooth texture doors</b> - 113 milligrams lost</p> <p><b>Lacquer painted doors</b> - 216 milligrams lost</p>
<p><b>NEMA LD 3-2005 Section 3.8</b> -- Ball Impact Resistance</p> <p>This test measures the ability of the sample to resist fractures due to an impact of a 1.5 inch stainless steel ball when dropped from a specified height. The results reflect the maximum number of inches where no fracturing occurred.</p>	<p>VT's micro-texture Powder Coat doors out perform the lacquer painted door for impact resistance when measured in accordance to NEMA 3-2005.</p>	<p><b>Powder Coat micro-texture doors</b> - 15 inches</p> <p><b>Powder Coat smooth texture doors</b> - &lt;12 inches</p> <p><b>Lacquer painted doors</b> - 12 inches</p>
<p><b>NEMA LD 3-2005 Section 3.4</b> -- Cleanability/ Stain Resistance Testing</p> <p>This test evaluates the cleanability and stain resistance of the sample when exposed to 15 reagents for a specified amount of time. The sample is then evaluated and scored. The lower the score the higher the stain resistance and cleanability.</p>	<p>VT's micro-texture and smooth Powder Coat doors significantly out perform the lacquer painted doors in cleanability and stain resistance when measured in accordance to NEMA LD3-2005.</p>	<p><b>Powder Coat micro-texture</b> - 34</p> <p><b>Powder Coat smooth texture</b> - 39</p> <p><b>Lacquer painted doors</b> - 54</p>



# COLOR OPTIONS



**VT offers a refined palette of five standard colors:** white, off-white, red, blue and black - in addition to custom colors that can be color matched to suit individual project needs.

## TEXTURES

VT offers two distinct texture options for versatility. The micro-texture and smooth texture both offer superior abrasion, impact, and stain resistance and provide two unique looks to meet the demands of the industry.

## ANTI-MICROBIAL

VT's Powder Coat doors are now available with an anti-microbial finish. With revolutionary new, anti-microbial technology, VT's Powder Coat doors are perfect for healthcare and school applications.

## ENVIRONMENTAL COMMITMENT

VT's commitment to the environment continues with the addition of powder coat doors. Manufactured with no-added urea formaldehyde, these doors can assist in achieving LEED Credits.

Additionally, all excess material is gathered and reused during the manufacturing process, virtually eliminating waste.

Inherently low in Volatile Organic Compounds (VOC's), VT's Powder Coat doors are ideal for high-traffic, high-risk areas such as schools and hospitals.

