



## PRODUCT SPECIFICATIONS

SPECTRE GOLD / SILVER / BLACK

### PHYSICAL PROPERTIES

Product Weight: 21 oz. per lineal yd., (13oz. per sq. yd.)  
Vinyl Weight: 16.5 oz. per lineal yd.  
Polyester Weight: 1.5 oz. per lineal yd.  
Fabric Weight: 3 oz. per lineal yd.  
Thickness: 0.017 in.  
Fabric: Nonwoven

### BREAKING STRENGTHS, LBS. FORCE

Machine Direction-warp: Exceeds Type II minimum of 50 lbs.  
Cross Machine Direction-fill: Exceeds Type II minimum of 55 lbs.

### TEARING STRENGTH, SCALE

Machine Direction-warp: Exceeds Type II minimum of 25 lbs.  
Cross Machine Direction-fill: Exceeds Type II minimum of 25 lbs.  
Cold Crack Resistance: At 20°F - No change  
Heat Aging: 7 Days at 158°F - No change

### FIRE TESTING

ASTM-E84 Tunnel Test Class A  
NFPA Life Safety Code 101 Class A  
\*Meets or exceeds requirements for flame spread,  
smoke developments and flashover.  
\*Cadmium and Lead Free Formulation

### SPECIFICATIONS

FEDERAL SPECIFICATION: CCC-408-D Type II  
WA SPECIFICATION: W-101 Type II  
ASTM-G21 SPECIFICATIONS Passed all requirements

### ENVIRONMENTAL

Meets or exceeds EN12149 A,B,C - the EU Toxicity requirement for heavy metals (including Cadmium, Mercury, Lead and Antimony), and formaldehyde under EN15102

Manufactured without the use of Brominated Flame retardants

#### Indoor Air Quality

- Manufactured with Low VOC Vinyl
- Meets California CDPH Standard for Schools and Offices
- Tested per CA 01350

LEED - Can contribute to Paragraphs EQ 4.1 for low emitting materials and MR 5.1 for regional materials

Visit [www.hdwalls.com/specs](http://www.hdwalls.com/specs) for more information