



## VIPER® VAPORSCRIM 12

"VAPOR RETARDERS"

DIVISION

07 26 00

### 1 PRODUCT NAME

**PRODUCT NAME:** Viper® VaporScrim 12-mil  
Multi-Use Reinforced Vapor Retarder

### 2 MANUFACTURER

#### ISI BUILDING PRODUCTS

401 Truck Haven Road, East Peoria Illinois 61611  
Phone: 866.698.6562 / Fax: 309.698.0065 / www.isibp.com

### 3 PRODUCT DESCRIPTION

#### 3.1 BASIC USE

Viper VaporScrim 12-mil is a multi-use, polyethylene vapor retarder that incorporates a high-strength nylon reinforcing layer for use in applications that require a highly durable yet lightweight material. Applications include construction enclosures, temporary liners and covers, insulation membranes, shipping and packaging, asbestos abatements, fumigation covers, temporary walls/curtains, remediation covers and vapor retarders.

#### 3.2 COMPOSITION & MATERIALS

Viper VaporScrim 12-mil is a 5-ply vapor retarder with molten polyethylene bonding a nylon reinforcing layer between two sheets of low-density polyethylene. The high-strength nylon reinforcing layer is designed to enhance the strength characteristics of the film in order to prevent tears and punctures from rigorous construction environments.

#### 3.3 SIZE

Viper VaporScrim 12-mil is available in a variety of roll sizes and colors.

#### 3.4 WEIGHT

Approximately 59 lbs/MSF

#### 3.5 FEATURES

- High Strength Nylon Reinforced Layer
- High Strength to Weight Ratio
- For Use in Multiple Applications
- Reusable
- Lightweight for Ease of Installation
- Inhibits Moisture / Vapor Transmission
- Wide Rolls Create Minimal Seams
- Molten Poly Bonding Prevents Delamination

### 4 TECHNICAL DATA

#### American Society for Testing & Materials (ASTM)

**ASTM D 751** Standard Test Methods for Coated Fabrics

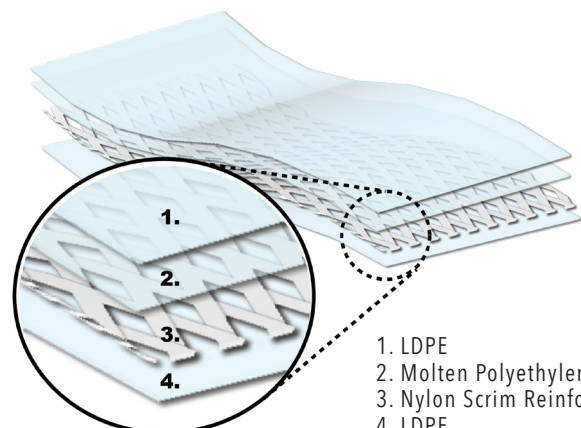
**ASTM D 7003** Standard Test Method for Strip Tensile Properties of Reinforced Geomembranes

**ASTM D 7004** Standard Test Method for Grab Tensile Properties of Reinforced Geomembranes

**ASTM D 5884** Standard Test Method for Determining Tearing Strength of Internally Reinforced Geomembranes

**ASTM D 6241** Standard Test Method for Static Puncture Strength of Geotextiles and Geotextile-Related Products Using a 50-mm Probe

**ASTM E 96** Standard Test Methods for Water Vapor Transmission of Materials



1. LDPE
2. Molten Polyethylene
3. Nylon Scrim Reinforcing
4. LDPE

## 5 INSTALLATION

All installation instructions on architectural and/or structural drawings should be reviewed and followed. Detailed installation instructions can be obtained by calling our corporate office at 866.698.6562 or online at [www.isibp.com](http://www.isibp.com).

## 6 AVAILABILITY AND COST

Viper VaporScrim is sold through construction supply houses across the United States and Canada. Current cost information can be obtained by calling our corporate sales office at 866.698.6562.

## 7 WARRANTY

Warranty information can be obtained by calling our corporate office at 866.698.6562 or online at [www.isibp.com](http://www.isibp.com).

## 8 MAINTENANCE

Requires no maintenance once installed.

## 9 TECHNICAL SERVICES

Technical information and detailed test results can be obtained by calling ISI Building Products toll free at 866.698.6562.

## 10 FILING SYSTEMS

Additional information can be obtained by calling our corporate office at 866.698.6562 or online at [www.isibp.com](http://www.isibp.com).

### PROPERTIES

### TEST METHOD

### RESULTS

THICKNESS (NOMINAL)		12-mil	0.305 mm
WEIGHT	ASTM D 751	59 lbs/MSF	288 GSM
TENSILE STRENGTH (STRIP)	ASTM D 7003	49 lbs	
ELONGATION (AT BREAK)	ASTM D 7003	364%	
TENSILE STRENGTH (GRAB)	ASTM D 7004	101 lbs	
TEAR STRENGTH (TONGUE TEAR)	ASTM D 5884	68 lbs	
MULLEN BURST	ASTM D 751	130 psi	
CBR PUNCTURE STRENGTH	ASTM D 6241	272 lbs	
WVTR	ASTM E 96, METHOD B	0.009	
PERM RATING	ASTM E 96, METHOD B	0.02 perms	

### NOTE:

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