



VERSION 20.0

VAPOR RETARDERS

DIVISION
072600

PRODUCT NAME

Viper® VaporScrim 6-mil Reinforced Vapor Retarder

MANUFACTURER

ISI BUILDING PRODUCTS
401 Truck Haven Road
East Peoria, IL 61611
866.698.6562 / www.isibp.com

PRODUCT DESCRIPTION

BASIC USE

Viper VaporScrim 6-mil is a multi-use, polyethylene vapor retarder that incorporates a high strength reinforcing layer for use in applications requiring 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.

COMPOSITION & MATERIALS

Viper VaporScrim 6-mil is a triple-ply scrim reinforced LDPE vapor retarder. The high strength scrim reinforcing layer is designed to enhance the strength characteristics of the film in order to prevent tears and punctures from rigorous construction environments.

SIZE

Standard Sizes: 20' x 100', 24' x 100', 32' x 100', 40' x 100'

WEIGHT

Approximately 22 lbs/MSF

FEATURES

- High strength 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

TECHNICAL DATA

APPLICABLE STANDARDS

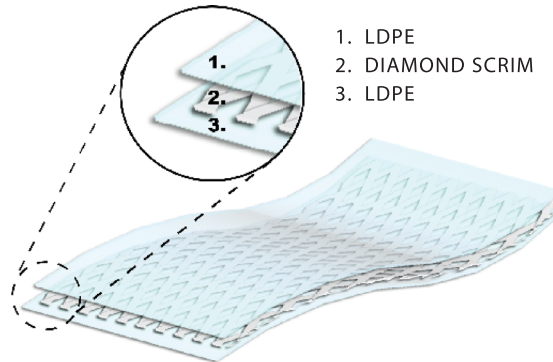
ASTM D 882 Standard Test Method for Tensile Properties of Thin Plastic Sheeting

ASTM D 5034 Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)

ASTM D 751 Standard Test Methods for Coated Fabrics

ASTM F 1249 Standard Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor

ASTM E 84 Standard Test Method for Surface Burning Characteristics of Building Materials



INSTALLATION

Instructions on architectural or structural drawings should be reviewed and followed. Detailed installation instructions can be obtained by calling the manufacturer at 866.698.6562 or visiting www.isibp.com.

WARRANTY

Warranty information can be obtained by calling the manufacturer at 866.698.6562 or visiting www.isibp.com.

MAINTENANCE

Requires no maintenance once installed.

TECHNICAL SERVICES

Technical information and detailed test results can be obtained by calling the manufacturer at 866.698.6562.

FILING SYSTEMS

Additional information can be obtained by calling the manufacturer at 866.698.6562 or visiting www.isibp.com.

PROPERTIES TEST PROCEDURE (INDEPENDENT TEST FACILITY)	TEST METHOD APPLICABLE STANDARDS	RESULTS IP UNITS
THICKNESS (NOMINAL)	N/A	6-mil
WEIGHT	N/A	22 lbs/MSF
TENSILE STRENGTH (ELONGATION)	ASTM D 882	20% (MD), 38% (TD)
GRAB TENSILE STRENGTH (ELONGATION)	ASTM D 5034	1.2% (MD), 7.5% (TD)
TRAPEZOID TEAR STRENGTH (ELONGATION)	ASTM D 751	177% (MD), 401% (TD)
TENSILE STRENGTH (YIELD STRESS)	ASTM D 882	1,604 PSI (MD), 648 PSI (TD)
GRAB TENSILE STRENGTH (PEAK LOAD)	ASTM D 5034	51 lbf (MD), 28 lbf (TD)
TRAPEZOID TEAR STRENGTH (PEAK LOAD)	ASTM D 751	70 lbf (MD), 14 lbf (TD)
MULLEN BURST	ASTM D 751	130 PSI
WATER VAPOR PERMEANCE	ASTM F 1249	.022 perms
* BURNING CHARACTERISTICS	ASTM E 84	"CLASS A"
* FLAME SPREAD	ASTM E 84	5 (CLASS A)
* SMOKE DEVELOPMENT	ASTM E 84	35 (CLASS A)

**VIPER VAPOR SCRIM 6 MEETS OR EXCEEDS THE FOLLOWING FIRE TESTING: 1). UL 723 2). ANSI / NFPA NO. 255 3). UBC NO. 8-1*

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