



VERSION 20.0

VAPOR RETARDERS

DIVISION
072600

PRODUCT NAME

Viper® VaporScrim 12-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 12-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 12-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 59 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

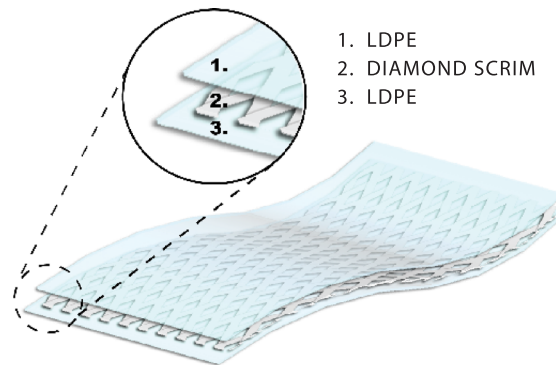
APPLICABLE STANDARDS

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



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 | 12-mil |
| WEIGHT | ASTM D 751 | 59 lbs/MSF |
| 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 | .009 |
| PERM RATING | ASTM E 96 METHOD B | .02 perms |

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