

DuPont™ Tyvek® DrainVent™ Rainscreen

3-D Drainage Mat for Advanced Moisture Protection in Exterior Wall Systems



FEATURES/BENEFITS

Description

DuPont™ Tyvek® DrainVent™ Rainscreen is a three-dimensional, honeycomb-textured drainage mat with attached heavy-duty filter fabric that provides advanced protection against moisture damage in exterior wall systems. Tyvek® DrainVent™ provides a flat surface for cladding application, optimal compression resistance and multi-directional channels for optimal drainage and airflow.

Tyvek® DrainVent™ creates a gap that assists in preventing rot, cracking and peeling problems by promoting moisture movement and ventilation in the wall cavity. Composed of a drainage mesh laminated to a filter-fabric backing, each roll contains a 3" flap of the filter fabric to provide an overlap of the lower courses of Tyvek® DrainVent™. The flap can also function as an insect screen if folded behind the drainage mesh along the bottom of the wall.

Tyvek® DrainVent™ facilitates water drainage and air ventilation to the wall system when installed behind a variety of exterior claddings such as stucco, stone veneer, brick, wood and fiber cement lap siding, metal panel systems, or cedar shake and shingle. Builders who choose Tyvek® DrainVent™ can enjoy the assurance that water will efficiently drain out of their wall system.

Ease of Use

The patent-pending honeycomb design of Tyvek® DrainVent™ Rainscreen is easy to install with ½" staples or nails, lays flat and rolls tight against corners – minimizing potential errors caused by poor installation or detailing. Other useful features include:

- 200 sq. ft. coverage per roll (4' x 50'/1.2m x 15.2m roll)
- >100 perms based on ASTM E96 (method B)
- 90-day UV rating
- Mold and mildew resistance
- Class "A" fire rating per ASTM E84
- Replaces one layer of WRB required with stucco and stone

Available Sizes

Tyvek® DrainVent™ Rainscreen is available in 4' x 50' (1.2m x 15.2m) rolls with 200 sq. ft. of coverage per roll.

PROPERTIES

DuPont™ Tyvek® DrainVent™ Rainscreen exhibits physical properties as indicated in Table 1 when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-800-448-9835 when additional guidance is required for writing specifications that include this product.

TABLE 1: Physical Properties for Tyvek® DrainVent™ Rainscreen

Test Method	Property	Typical Value	Units
ASTM D5261	Composite Mass/Unit Area	12.2 (413)	oz/yd ² (g/m ²)
ASTM D6525	Composite Thickness	0.27 (6.8)	in (mm)
ASTM D3774	Core Width	48 (1.2)	in (m)
NA	Roll Weight	16.0 (7.2)	lbs (kg)
NA	Roll Length	50 (15.2)	ft (m)
NA	Roll Coverage	200 (18.6)	ft ² (m ²)
ASTM D5034	Breaking Strength (Filter Fabric) MD	42.7 (190)	lb/in (N/2.54 cm)
ASTM D5034	Breaking Strength (Filter Fabric) CD	32.6 (145)	lb/in (N/2.54 cm)
ASTM E84	Surface Burning Characteristics	15 Class A	Flame Spread Index
ASTM E84	Surface Burning Characteristics	115 Class A	Smoke Developed Index
ASTM G90	Max Ultra Violet Light Exposure (UV)	90	days
ASTM E2273	Drainage Efficiency	>90	%



**For more information visit us at
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or call 1-800-448-9835**

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