

Technical Data Sheet — Vapor

Breathable Floor Protection for Newly Finished Floors
SurfaceLiner | Status: 2026



Vapor is a breathable floor protection roll built for newly finished floors, stairs and countertops. It combines a soft, padded polyester fleece with a non-slip Opticoat™ backing and a waterproof top film that still lets moisture and solvents escape. That combination means curing floors keep breathing normally underneath, while spills, paint and job site debris stay on the surface where they belong. The non-slip backing also keeps Vapor firmly in place without tape, giving crews a safe, stable surface to work on.

Characteristic Features

Roll Size	1 m x 50 m (39.37 in x 164.042 ft)
Fleece	Polyester
Backing	Opticoat™ — pressure-sensitive acrylate coating
Top Film	Polyethylene, permeable to water vapor
Thickness	> 1.8 mm
Color	White

Technical Features

Tensile Strength (MD/CD)	> 3 kN/m / 4 kN/m	EN ISO 10319
Elongation (MD/CD)	80% / 100% (±10%)	EN ISO 10319
Resistance to Dynamic Perforation	30 mm (±10%)	Cone Fall Test, DIN EN 13433
Adhesive Force	10 N (±10%)	Landolt Method
Sliding Coefficient, Dry	> 0.45	DIN ISO 51131:2014-02
Sliding Coefficient, Wet	> 0.35	DIN ISO 51131:2014-02
Water Vapor Permeability	> 15 g/m ² d	DIN ISO 12572
Resistance to Solvents / Liquids	Tested against water, engine oil, lubricants, common cleaners, and WD-40*	

Applications

Vapor provides temporary surface protection for hardwood floors, stone, tile, ceramic, concrete and screed, stairs, and countertops — any surface that keeps releasing moisture or solvents after installation. It cuts easily with scissors or a utility knife to fit any shape, and stays reusable as long as the backing is undamaged and kept free of dirt and dust. For surfaces with especially high moisture content, contact us about our Solprotec product line.



Floors



Carpets



Stairs



Counters

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Functions



Breathable



Waterproof



Non-Slip



No Tape



Reusable



Residue-Free on Removal



Custom Cut



Easy Install

Storage & Before Use

Store Vapor in its original packaging, in a dry, frost-free area and out of direct sunlight. Let it acclimate to room temperature before installing.

Instructions for Use

The surface must be clean, dry and free of oils and solvents before laying Vapor. Adhesive strength depends on contact area — smoother surfaces hold stronger. Ideal surface temperature for installation is between 41°F and 104°F. On long-term jobs, check the product and the surface underneath every 2–4 weeks, depending on conditions and the load it's carrying.

Switch off floor heating before laying Vapor, and extract excess humidity from the room beforehand. Wait a minimum of 72 hours before covering newly finished surfaces. Ideal room temperature is 50°F to 77°F, with room humidity between 50–60%. Always follow the flooring manufacturer's recommended drying and curing times, and account for the specific conditions on your job site before installing.

Laying: overlap seams by 4 inches (10 cm).

Additional Product Information

Vapor contains zero VOCs and does not require a respirator under normal use. It's environmentally friendly — after use, normally soiled material (e.g. with paint or plaster residue) can be disposed of as household or residual waste.

*Important Information on How to Use the Product

Job site conditions vary, and some factors affecting performance are outside our control. We recommend testing on a sample area under your actual job site conditions before full installation — this includes checking adhesive performance and compatibility with the surface. Vapor is largely vapor-resistant and should be used with caution on highly diffusion-active surfaces. Test resistance to any solvents or liquids not listed above before use.

SURFACELINER · 90 Boulders Way A-2, STE 201 (FedEx/UPS) / PO Box 3990 (USPS), Telluride, CO 81435 USA · (970) 369-0659
surfacerliner.com/breathable-floor-protection/