

Installation Instructions

VersaShield®

FLOORING UNDERLAYMENT

Effective Moisture Barrier For Flooring Products

VersaShield® Flooring Underlayment is supplied in 180 ft rolls, which are 36 inches wide (540 ft²; 60 yd²), weighing approximately 73 pounds and 120 ft rolls, which are 72 inches wide (720 ft²; 80 yd²), weighing approximately 98 pounds. The Underlayment has the film side wound out on the roll, which faces the concrete slab. The gray, mineral-coated glass mat side, is the side to which the flooring is attached.

Installations over Concrete Sub Floors with high MVER.

Prior to the installation of VersaShield, moisture vapor readings must be taken using ASTM F1869 Calcium Chloride test kits. VersaShield is designed to reduce high levels of MVER and protect your flooring installation from moisture damage. In order to maintain your warranty you must record the readings and submit them with your warranty registration card. Since VersaShield Flooring Underlayment is free-standing, with no adhesion or tacking to the cement slab required, no special surface treatment or preparation of the slab is required. **However, it must be clean, flat and sound. Use a Portland based leveling material to fill cracks and fill low areas.** All seams must be joined using VersaTape™ pressure sensitive tape (supplied in 2" x 180 ft rolls.) This tape must be used to seam the rows of Underlayment in order to ensure very low moisture vapor permeability.¹

Place a roll of VersaShield in a corner of the room and unwind, film side down, to the other end of the room with one edge parallel and flush with the wall or molding (Fig. 1). The Underlayment is easily cut with a scissors or box cutter.

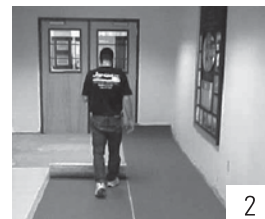
In a similar manner, add a second and additional rows of Underlayment with the edges close or touching, but not overlapping the adjacent row (Fig. 2).

The rows of Underlayment are then seamed with VersaTape Pressure Sensitive Tape (Fig. 3), best applied by means of a universal cellophane tape dispenser, which can be purchased at any hardware, building supply store or discount retailer. Press the tape into the Underlayment with a hand roller. The Underlayment should be cut and shaped to fit around irregular objects and sealed with pieces of tape (Fig. 4). Flooring materials can now be applied to the mineral-coated surface of the underlayment using:

1. The laminate or engineered wood manufacturer's instructions for floating floors.
2. Solid wood floors can be installed by adding either a plywood sub floor or sleeper system over the VersaShield.
3. Sub Floor installation should follow the guidelines outlined by NWFA and NOFMA for this type of installation.
4. Carpet Tile can be adhered directly to VersaShield using the manufacturer's recommended adhesive².
5. Sheet vinyl and vinyl tile can be installed by laying the flooring manufacturer's recommended sub floor over VersaShield, being careful to make sure it is securely fastened and following the flooring manufacturer's recommended sub floor preparation instructions to complete the job.



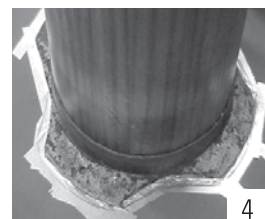
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ELK 
Confidence Built-in™
www.elkcorp.com

U.S. Patent No. 6,673,432. Material Safety Data Sheet available on request

1. VersaShield must be installed with VersaTape tape or the warranty is void.
2. Solvent based adhesives should not be used with VersaShield

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