

**VAPORSHIELD 100™**  
A TRAXXSHIELD™ PRODUCT



### 3. Product Description

#### Basic Use

VaporShield 100 is a rolled moisture barrier that loose lays over concrete subfloors, thereby suppressing the moisture vapor emission up to 100 percent relative humidity, and providing protection against a pH of 12.

#### Composition and Materials

The VaporShield100 32 mil membrane has two layers:

- A bottom layer of nonwoven polyethylene that provides the moisture vapor suppression
- A top layer of mineral composition that provides a suitable surface for applying floorcovering adhesive; promotes a strong bond of the floorcovering

#### Benefits

##### Suppresses Water Vapor Emission From Concrete Up To 100% Relative Humidity

- Stops alkalinity, re-emulsifying of adhesive, mold/mildew and most flooring damage from moisture—stops pH up to 12
- Tested per ASTM E96 to measure permeance

##### Installation Method

- VaporShield100 rolls out and loose lays over the concrete slab
- Quick and easy, as floor is installed in one day (not several days of installation time as with two-part epoxy systems)
- No curing time
- Perfect when planning periodic floor removal
- Easily installed over existing hard surface floor coverings

#### Saves Money, Labor And Time

- Cost of job is reduced by as much as 50 percent as compared to 2-part epoxy systems
- Finished floor tiles can be laid immediately after VaporShield100 is installed
- No downtime—can eliminate days from the project schedule
- Little waste and no clean up

#### Install A Variety of Flooring Products Over VaporShield100

Install under vinyl composition tile, luxury vinyl tile/plank, solid vinyl tile, static dissipative tile, ceramic tile, carpet tile and laminates.

#### Mold And Fungus Resistant (Tested per ASTM D3273)

- Benefits the healthcare and food service industries

#### Environmentally Safe

- No fumes, no dust, no VOCs

#### Dimensions and Weight

- The 720 square foot rolls are 5 × 144 feet
- Minimum Basic Weight: 13.7 lbs/100 ft<sup>2</sup>
- Minimum Thickness: 32 mils (0.032 inch)

#### Accessories

- VaporShield100 Seam Tape
  - 4-inch wide double-sided tape is adhered to the concrete slab under the VaporShield100 seam line
  - 2½-inch wide Topside Seam Tape over VaporShield100 to seal off the seam