

KOVARA® / VAPORSHIELD™

Moisture Barrier Products

KOVARA® / VAPORSHIELD™ 95 AND MBX

Sheet underlayments for protection of flooring assemblies against moisture and alkalinity

KOVARA® / VAPORSHIELD™ Moisture barriers are designed to be installed onto concrete floor slabs and below floor coverings to protect these materials – as well as their adhesives – from any staining, warping, or mold resulting from moisture and alkaline salts infiltrating through the concrete slab.



KOVARA® / VAPORSHIELD™ moisture barrier products include:

KOVARA® / VAPORSHIELD™ MBX membrane protects against alkalinity and moisture in concrete slabs **up to 100%** relative humidity.

KOVARA® / VAPORSHIELD™ 95 membrane protects against alkalinity and moisture in concrete slabs **up to 95%** relative humidity.

A Quicker and Easier Way to Protect Floors

KOVARA® moisture barriers are applied using a roll-and-tape installation process with minimal prep time and no cure time. This allows for a faster, simpler, and cleaner installation process than epoxy and other liquid moisture mitigation barriers.

Benefits for KOVARA® / VAPORSHIELD™ moisture barrier include:

- Reduced labor costs and improved project capacity
- Less downtime and business disruption
- No shotblasting required; self-leveling needed only for uneven floors
- Does not support mold or mildew growth

KOVARA® / VAPORSHIELD™ moisture barriers have been installed in over 50 million square feet of building space and are backed by a 10-year limited replacement warranty. Complete warranty information can be found at traxxcorp.com or by contacting a TRAXX Corporation sales representative.

Approved Floor Coverings

The following products have been approved for KOVARA® / VAPORSHIELD™ moisture barrier installations.

- Carpet tile
- VCT-vinyl composition tile
- SVT-solid vinyl tile
- LVT/LVP-luxury vinyl tile/luxury vinyl plank
- SDT-static dissipative tile
- Laminate flooring
- Ceramic tile
- Porcelain tile
- Natural stone
- Broadloom carpet
- Woven synthetic-backed stretch-in, double glue and direct glue carpet
- PVC backed carpet
- Urethane foam backed carpet
- Compressed urethane backed carpet
- Recycled backed carpet
- Engineered wood-floating or direct glue
- Bamboo

The following specialty floors require review of existing conditions and use to ensure the best installation.

- Commercial and residential sheet vinyl flooring
- Rubber flooring
- Resilient sports flooring
- Wood court flooring

Please contact TRAXX Corporation for a warranty registration form or any other questions. For any products not listed, contact TRAXX Corporation for additional information.

KOVARA® / VAPORSHIELD™ Moisture Barrier Installation

Review complete installation instructions for information on substrate preparation, membrane installation, and finished flooring installation prior to installing MBX or 95 products.

KOVARA® / VAPORSHIELD™ Moisture Barrier Physical Properties

	Testing Method	Typical Values
Roll size	-	5' x 144' (720 sq. ft.)
KOVARA® / VAPORSHIELD™ MBX basic weight	ASTM D2646	12.5 lbs. per 100 sq. ft.
KOVARA® / VAPORSHIELD™ 95 basic weight	ASTM D2646	11.5 lbs. per 100 sq. ft.
KOVARA® / VAPORSHIELD™ MBX thickness	ASTM D5729	28.0 mils
KOVARA® / VAPORSHIELD™ 95 thickness	ASTM D5729	24.0 mils
KOVARA® / VAPORSHIELD™ MBX permeance	ASTM E96	<0.1 perms
KOVARA® / VAPORSHIELD™ 95 permeance	ASTM E96	<0.1 perms
Maximum PH allowed	-	12
Fungi and mold resistance	ASTM G21-15	Does not sustain mold growth
Flammability	ASTM D2859-96	Passes
Dimensional stability	ASTM D7570	Passes
Radiant panel	ASTM E648-10	Passes class I
Smoke density	NFPA 258	<450
Residual indentation	ASTM F970	Meets most floor covering requirements

KOVARA® / VAPORSHIELD™ is now a TRAXX moisture mitigation product.

Visit traxxcorp.com for additional information about moisture barriers.

traxxcorp.com | Customer Service: 1-909-623-8032

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate, and is offered for consideration, investigation and verification by the user, but we do not warrant the results to be obtained. Please read all statements, recommendations, and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use that would infringe any patent, copyright, or other third party right.

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