

KOVARA™

MOISTURE BARRIER PRODUCTS

Sheet underlayments for protection of flooring assemblies against moisture and alkalinity

KOVARA™ 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™ Moisture Barrier Products include:

- **KOVARA™ MBX** membrane protects against alkalinity and moisture in concrete slabs **up to 99.5%** relative humidity.
- **KOVARA™ 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™ moisture barriers include:

- **Reduced labor costs and improved project capacity**
- **Less downtime and business disruption**
- **No shotblasting required; self-leveling needed only for uneven floors**
- **No VOCs (per California Specification 01350)**
- **Does not support mold or mildew growth**

KOVARA™ 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 gcpat.com or by contacting a GCP Applied Technologies sales representative.

Approved Floor Coverings

The following products have been approved for KOVARA™ 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 GCP Technical Services for a warranty registration form or any other questions. For any products not listed, contact GCP Technical Services for additional information.

KOVARA™ Moisture Barrier Installation

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

KOVARA™ Moisture Barrier Physical Properties

	Testing Method	Typical Values
Roll Size	-	5' x 144' (720 sq. ft.)
Kovara™ MBX Minimum Basic Weight	ASTM D2646	12.5 lbs. per 100 sq. ft.
Kovara™ 95 Minimum Basic Weight	ASTM D2646	11.5 lbs. per 100 sq. ft.
Kovara™ MBX Minimum Thickness	ASTM D5729	28.0 mils
Kovara™ 95 Minimum Thickness	ASTM D5729	24.0 mils
Kovara™ MBX Permeance	ASTM E96	0.044 grain h ⁻¹ ft ⁻² in Hg ⁻¹
Kovara™ 95 Permeance	ASTM E96	0.084 grain h ⁻¹ ft ⁻² in Hg ⁻¹
Maximum PH Allowed	-	12
Fungi and Mold Resistance	ASTM G21-15	Does not sustain mold growth
VOC	ASTM D5197	Zero VOC product
Formaldehyde	ASTM D5197	Passes
Flammability	ASTM D2859-96	Passes
Dimensional Stability	ASTM D7570	Passes
Radiant Panel	ASTM E648-10	Passes
Smoke Density	NFPA 258	Passes
Residual Indentation	ASTM F970	Passes

Same product. New Name. **VERSASHIELD®** is now **KOVARA™**

Visit gcpat.com for additional information about KOVARA™ moisture barriers.

gcpat.com | Customer Service: 1-866-333-3726

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