



Kovara MBX

## KOVARA MOISTURE BARRIER

### PRODUCTS AND PROPERTIES

**Kovara MBX** protects against alkalinity and moisture in concrete slabs up to 99.5% RH and can be identified by its dark blue surface. Kovara MBX seam tape (2.5" wide and 180' long, blue) is used to tape the seams of Kovara MBX. Kovara double-sided tape (4" wide and 100' long, white) is used underneath the seams of regular Kovara MBX installations. The double-sided tape is also utilized in heavy rolling load installations using a box grid method.

**Kovara 95** protects against alkalinity and moisture in concrete slabs up to 94.9% RH and can be identified by its gray surface. Kovara 95 seam tape (2" wide and 180' long, gray) is used to tape the seams of Kovara 95. Kovara double-sided tape (4" wide and 100' long, white) is utilized in heavy rolling load installations using a box grid method.



Kovara MBX Seam Tape and Kovara Double-Sided Tape



Kovara 95 Seam Tape and Kovara Double-Sided Tape  
(heavy rolling loads)



Kovara 95

KOVARA PROPERTIES	Testing Method	Measurements - Results
<b>Roll Size</b>	n/a	5' x 144' (720 sq. ft.)
<b>Kovara MBX Minimum Basic Weight</b>	ASTM D2646	12.5 lbs. per 100 sq. ft.
<b>Kovara 95 Minimum Basic Weight</b>	ASTM D2646	11.5 lbs. per 100 sq. ft.
<b>Kovara MBX Minimum Thickness</b>	ASTM D5729	28.0 mils
<b>Kovara 95 Minimum Thickness</b>	ASTM D5729	24.0 mils
<b>Kovara MBX Permeance</b>	ASTM E96	0.044 grain h <sup>-1</sup> ft <sup>-2</sup> in Hg <sup>-1</sup>
<b>Kovara 95 Permeance</b>	ASTM E96	0.084 grain h <sup>-1</sup> ft <sup>-2</sup> in Hg <sup>-1</sup>
<b>Maximum PH Allowed</b>	n/a	12
<b>Fungi and Mold Resistance</b>	ASTM G21-15	Does not sustain mold growth
<b>VOC</b>	ASTM D5197	Zero VOC product
<b>Formaldehyde</b>	ASTM D5197	Passes
<b>Flammability</b>	ASTM D2859-96	Passes
<b>Dimensional Stability</b>	ASTM D7570	Passes
<b>Radiant Panel</b>	ASTM E648-10	Passes
<b>Smoke Density</b>	NFPA 258	Passes
<b>Residual Indentation</b>	ASTM F970	Passes
<b>Acoustical rating using 6" concrete and 1/2" engineered wood, no suspended ceiling assembly</b>		
	ASTM E492-04	IIC = 51
	ASTM E90-04	STC = 52



## KOVARA APPROVED FLOOR COVERINGS

The products list below have been approved for Kovara installations. If your product is not identified, please contact our Technical Services team for additional information at 617-923-2000. Always follow your specific flooring manufacturer's recommendations for installation over non-porous substrates.

- 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
- PVC backed carpet
- Urethane foam backed carpet
- Compressed urethane backed carpet

- Recycled backed carpet
- Engineered wood-floating or direct glue
- Bamboo

### **Kovara MBX and Kovara 95 Specialty Floor Coverings**

The specialty floors below require review to verify existing conditions and use to ensure the best installation; please contact our Technical Services team at 617-923-2000.

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