

SCHÖNOX MBL

A FAST SOLUTION FOR CEMENTITIOUS SUBFLOOR MOISTURE ISSUES? WE'RE ÖN IT.



LEVEL CEMENTITIOUS FLOORS AND PROTECT AGAINST RESIDUAL MOISTURE IN ONE STEP WITH NEW SCHÖNOX MBL

Schönox technology has developed yet another patented subfloor solution. Schönox MBL is a revolutionary 2-part moisture blocking self-leveling compound engineered for cement and concrete substrates that are susceptible to residual moisture issues. MBL provides a smooth surface for the installation of carpet tile, LVT, and other resilient flooring while providing moisture mitigation up to 99% RH / 18lbs. Mix 1 unit of Schönox MBL powder (Part A) with 1 unit of Schönox MBL liquid and pour from 1/8" up to 1/2". Moisture problems? Solved - in one step.

Take your business to a whole new level. Call 855.391.2649 or visit hpsubfloors.com to learn how your projects run smoother with Schönox Ön It.





SCHÖNOX MBL

ANOTHER SUBFLOOR SOLUTION THAT ANSWERS THE NEED FOR SPEED™

Schönox has advanced our subfloor technologies beyond the horizon yet again by integrating revolutionary moisture blocking properties with a fast and dense self-leveling compound. Schönox MBL takes moisture mitigation and self-leveling to a whole new level by addressing both needs with one solution.



GEV-EMICODE



INTERIOR FLOOR



RAPID DRYING



2 COMPONENTS



CASTOR WHEEL LOADING

PRODUCT CHARACTERISTICS

- EMICODE EC 1PLUS: very low emission
- Up to -40% CO emissions
- Suitable on substrates with residual moisture
- Dense, poreless mortar structure
- Self-levelling
- Quick drying time
- Ready for laying after approx. 12 hours
- Moisture blocking properties
- Layer thicknesses above 1/8" up to 1/2"
- Suitable for castor wheel loadings
- Highly synthetic-resin modified

RECOMMENDED APPLICATION DETAILS

Self leveling and moisture mitigation in one step on moisture-resistant cement based substrates from a minimum layer thickness of 1/8" prior to install.

- LVT
- VCT
- Carpet tile
- Wood flooring
- Ceramic tile

Sheet goods, rubber, or any other flooring requiring wet set or semi wet must be applied with reactive adhesives

- Up to 99% RH or 18 lbs. / 1000 sq.ft. 24 hrs on unheated concrete.

PACKAGING

- Schönox MBL Part A 52 lb. paper bag (powder component)
- Schönox MBL Part B 1.6 gal. plastic canister (dispersion component)

*Refer to Technical Data Sheets for more information

REQUIREMENTS

- Before applying Schönox MBL, a Moisture Vapor Emission Rate per ASTM F-1869 and a relative humidity of the concrete, using ASTM F-2170 must be obtained.
- Substrates must be profiled to achieve CSP 2-3.
- Substrates must be classified as porous according to ASTM 3191 standards.
- Concrete must support a minimum adhesion strength of 150 psi (1 MPa) when tested per ASTM D-4541 (tensile bond test).
- Subfloors must be smooth, sound, clean and free of any contaminants which may hinder adhesion.
- Old adhesive residues or any previous floor preparation materials such as old levelers or patch should be removed completely by suitable mechanical means.
- To ensure an ideal, dust-free surface, vacuum the substrate properly using an industrial vacuum cleaner.
- Do not use moisture mitigation systems or Schönox MBL on gypsum-based substrates.
- Do not use Schönox MBL where hydrostatic pressure conditions exist or where moisture vapor emissions exceed the recommended levels.

PRIMING

- Porous substrates such as concrete, cement substrates, and Schönox moisture resistant materials, prime with Schönox KH Fix.

MIXING RATIO

- Mix each 52 lb. bag Schönox MBL Part A with 1.6 gal. Schönox MBL Part B.
- **Do not mix with water!**

RECOMMENDED METHOD OF WORKING

- Carry out preparatory work:
 - For prelevel preparatory work use Schönox SL, Schönox PL, Schönox US, or Schönox S 1500.
 - Repair non moving cracks using Schönox SL or Schönox FP with Schönox Renotex®. Moving joints must be honored up to the final surface.
- Schönox MBL Part B is shaken before use. Using a clean receptacle, add Schönox MBL Part A to Schönox MBL Part B to form a homogeneous mixture. Mix thoroughly for approx. 3 minutes using a heavy-duty drill (min. 600 rpm) to obtain a lump free mix.
- Avoid contact with vertical structures such as walls and columns by using Schönox Foam Tape.

TECHNICAL DATA

- Pot life: approx. 30 minutes
- Ready for foot traffic: after approx. 3 hours
- Ready for covering:
 - up to 1/8" after approx. 12 hours
 - up to 1/2" after approx. 24 hours
- Working temperature: 41°F - 90°F
- Can be installed from 1/8"-1/2"
- Must be poured at a minimum of 1/8" to 3/16"
- Coverage per unit:
 - Schönox MBL will provide 56 sq. ft. at a minimum of 1/8" to 38 sq. ft. at 3/16", the average yield per unit is 44 sq. ft. depending on substrate conditions
- Compressive strength (ASTM C109):
 - 5500 psi after 28 days
 - 3600 psi after 1 day
- Flexural strength (ASTM C348): approx. 900 psi after 28 days
- Permeance (ASTM 96): ≤ 0.4 perm

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