

SCHÖNOX MR 18

MULTIPLE MOISTURE PROBLEMS.
SINGLE SOLUTION. WE'RE ÖN IT.



ONE-COMPONENT, RAPID-DRYING POLYURETHANE MOISTURE MITIGATION SYSTEM AND SUBSTRATE SOLIDIFIER

Both new construction and renovation alike can present a myriad of subfloor dilemmas. Schönox MR 18 is the rapid-drying, ready-mixed moisture mitigation system and substrate solidifier that has you covered from the basement to the attic. Moisture can cause immediate issues or wreak havoc over time. MR 18 is a simple, preventive solution. MR18 can also be used as a moisture inhibitor over wood substrates.

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SCHÖNOX MR 18

ONE- OR TWO-COAT APPLICATIONS ON A VARIETY OF CRITICAL SUBSTRATES

Suitable on interior, cement-based substrates up to 99% RH or 18 lbs./1,000sq.ft./24hrs. Recommended as a migration barrier and solidifier over a variety of critical substrates, such as adhesive residues and weak substrates.



PRODUCT CHARACTERISTICS

- EMICODE: EC 1PLUS R - v low emission, regulated
- Rapid-drying
- Solvent-free
- For interior use only
- Moisture barrier
- Excellent penetration
- High coverage
- Short waiting time
- Ready-mixed
- Easy to apply
- Solidifies weak substrates
- Excellent bond to adhesive residues

RECOMMENDED APPLICATION DETAILS

- On unheated, moisture-resistant cement-based substrates with residual moisture before applying Schönox underlayments prior to installation of flexible coverings, as well as wood flooring
- Up to 93% RH or 12 lbs./1000 sq.ft./24 hrs. SCHÖNOX MR 18 is applied as a one-coat system
- Above 93% RH or 12 lbs./1000 sq.ft./24 hrs. up to 99% RH or 18 lbs./1000 sq.ft./24 hrs. Schönox MR 18 is applied as a two-coat system with Schönox Protect adhesive
- Can be used as a one-coat system to solidify substrates such as wood, gypsum or adhesive residues building a closed film

PRECAUTIONS

- Avoid eye and skin contact. Close container after each use. Do not reuse container. Do not flush primer down drains, sewers or waterways.

TECHNICAL DATA

- Polyurethane resin
- Color: yellow
- Density: 1.18 kg/l
- Storage temperature: not below 41 °F
- Working temperature: not below 59 °F
- Coverage per unit:
1000 sq.ft. (based on one-coat system)
500 sq.ft. (based on two-coat system)
- Ready to apply 2nd coat: approx. 1 hour (or dry to the touch)
- Ready for leveling, after applying final coat: approx. 1 hour (or dry to the touch) (see "Recommended Method of Working")
- Permeance (ASTM E96): ≤ 0.4 perm (2 coats)

All values are approximate and are subject to local climatic fluctuations based upon conditions at 70°F with atmosphere of less than 65 % relative humidity following the recommended mixing ratio. Do not install underlayment or topping before the substrate has dried thoroughly.

MIXING RATIO

- Apply undiluted

PACKAGING

- 2.5 gallons in plastic container

STORAGE

- Store in cool, frost-free conditions
- Shelf life: 1 year unopened

VOC CONTENT

- 0g/l (calculated), SCAQMD 1113



LEED V4.1 ID+C, BD+C

Contributes to LEED v4.1 certification of projects in these categories:

- EQc2 – 3 points Low-Emitting Materials
- MRc2 – 1 point Environmental Product Declaration
- MRc4 – 1 point Material Ingredients

RECOMMENDED METHOD OF WORKING

- Stir or shake before use.
- Apply evenly, avoiding puddles, using a foam roller or 1/4" nap roller.
- Apply the first coat building up a closed film. When required, the second coat is applied crosswise after a waiting time of approx. 1 hour.
- After a drying time of approx. 1 hour (no transfer to the touch) prime with Schönox SHP following the referring product data sheet prior to install a cement-based Schönox underlayment or patching compound. Allow MR 18 to dry overnight prior to installation of synthetic gypsum-based Schönox underlayment or patching compound.
- Alternatively, wood floor can be installed directly to Schönox MR 18 after a drying time of at least 2 hours and within 48 hours
- If any following materials are not applied within the first 48 hours after drying, then always rough up the top surface using a suitable pad, but without affecting the moisture mitigation properties.
- Clean tools immediately after use with a suitable cleaner.

*Refer to Technical Data Sheets for additional, current information. Available on the Schönox App and hpsubfloors.com.