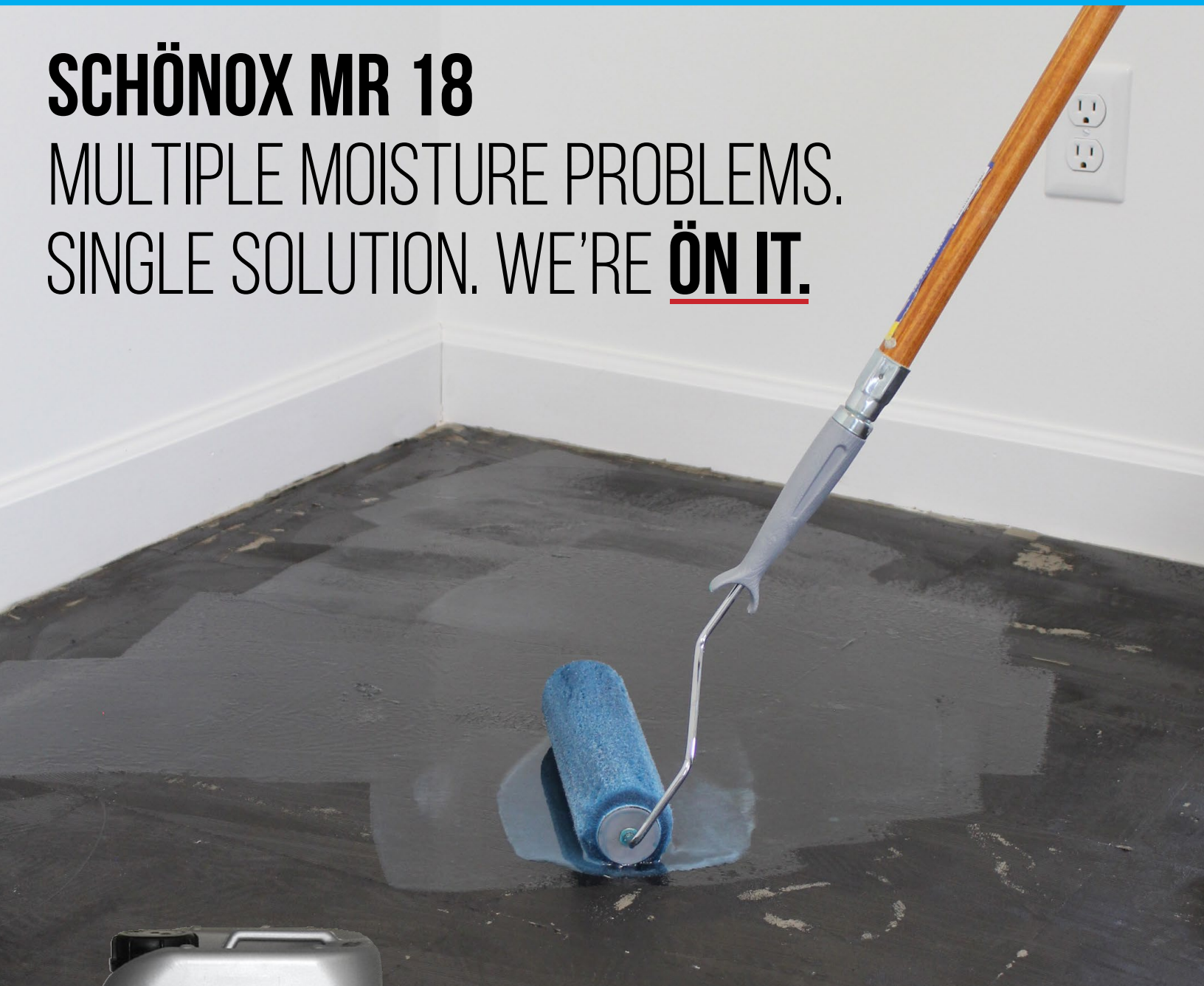


# SCHÖNOX MR 18

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 system that has you covered from the basement to the attic. Moisture can cause immediate issues or wreak havoc over time. Uneven flooring, buckling vinyl, moldy carpet, cupping hardwood, crumbling cement, and rotting wooden substrates are a nightmare to replace. MR 18 is a simple, preventive solution.

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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 96% 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 gypsum 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 96% RH or 18 lbs./1000 sq.ft./24 hrs. Schönox MR 18 is applied as a two-coat system
- 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: blue
- 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):  $\leq 0.4$  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



May help contribute to LEED v4 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 Schönox Fix Clean.