

SCHÖNOX EPA
AND EPA RAPID
BEAT MOISTURE.
PULVERIZE
DEADLINES.



FAST-DRYING MOISTURE MITIGATION SYSTEM AND MIGRATION BARRIER

Residual moisture issues in your concrete subfloor as high as 100% RH can be handled with just one coat. No VOC. Low viscosity. High penetration. Choose Schönox EPA Rapid for even tighter project time constraints. All the benefits of EPA with a faster drying time.

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SCHÖNOX EPA AND EPA RAPID

ONE COAT PENETRATES AND FULLY SEALS YOUR SUBSTRATE

Suitable on porous, unheated concrete slabs to mitigate moisture of levels up to 100% RH or 25 lbs./1000 sq.ft./24 hrs



CASTOR WHEEL LOADING



INTERIOR & EXTERIOR



APPLIED AT MIN 50°F



2 COMPONENTS

PRODUCT CHARACTERISTICS

- Solvent-free, 100% solids epoxy
- Complies with SCAQMD 1113
- Low viscosity
- Waterproof
- High penetrating
- Problem solver on damp concrete (after the concrete is visually dry)
- Resistant to chemical loadings
- For interior and exterior use

RECOMMENDED APPLICATION DETAILS

- To suppress moisture on unheated, moisture-resistant, porous concrete with residual moisture up to 100% RH or 25 lbs./1000 sq.ft./24 hrs. Schönnox underlayments may be applied after 4-6 hours and prior to installing flexible coverings and/or wood floor.

TECHNICAL DATA

- Two-part epoxy
- Color: transparent-amber
- Density: 1.09 kg/l (mixed material)
- Storage temperature: not below 41°F
- Working time: approx. 40 min. at 65°F
- Working temperature: not below 50°F floor temperature (recommended: > 65°F, relative humidity 75%)
- Maximum coverage rate: approx. 290 sq.ft. per unit; the finished application must cover the substrate completely without any voids or pinholes to ensure moisture vapor suppression!
- Ready for leveling (after back roll): after approx. 4 hours at 65°F floor temperature

- Permeance (ASTM E96): ≤ 0.1 perm

All values are approximate at 65°F floor temperature, are subject to local climatic fluctuations and vary according to the absorbency of the substrate and to the applicator device. Lower temperatures will lengthen the working and curing time; higher temperatures may shorten it dramatically. Do not install underlayment or topping before the substrate has dried thoroughly.

MIXING RATIO

- 6,25 kg / 1.47 gal. component A (resin)
3,75 kg / 0.96 gal. component B (hardener)

PACKAGING

- 2-component system:
 - 6,25 kg / 1.47 gal. component A (resin) in metal canister
 - 3,75 kg / 0.96 gal. component B (hardener) in metal canister

STORAGE

- Store in cool, dry, frost-free conditions. Prior to installing Schönnox EPA, acclimate at room temperature.
- Shelf life: 18 months unopened

PRECAUTIONS

- Empty canisters and dispose of in accordance with federal, state and local waste disposal regulations. Pour excess material onto a disposable surface (such as cardboard) or into disposable containers (at a thickness no greater than 1/4") allow to cure and dispose of following all local, state and federal disposal regulations..

VOC CONTENT

- 0g/l (calculated), SCAQMD 1113



LEED V4

May help contribute to LEED v4 certification of projects in these categories:

- EQc2 – 3 points Low-Emitting Materials
- Environmental Product Declaration (EPD)
Declaration number: EPD-DIV-2013311-EN

EPA RAPID TECHNICAL DATA

- Dries as quickly as 2 – 3 hours
- Mixing ratio:
 - 7,14 kg / 1.68 gal. component A (resin)
 - 2,68 kg / 0.77 gal. component B (hardener)
- Density: 1.11 kg/l (mixed material)
- Working time: approx. 10 min. at 65°F
- Maximum coverage rate: 300 sq.ft.
- Ready for leveling after approx. 2 – 3 hours
- Shelf life: 24 months unopened
- Packaging: 2-component system:
 - 7,14 kg / 1.68 gal. component A (resin) in metal canister
 - 2,86 kg / 0.77 gal. component B (hardener) in metal canister

