

# SCHÖNOX EPA AND EPA RAPID BEAT MOISTURE. PULVERIZE DEADLINES.



## TWO-PART, FAST-DRYING, EPOXY-BASED 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. Low VOCs. Low viscosity. High penetration. Choose Schönox EPA Rapid for even tighter project time constraints. All the benefits of EPA with an even faster drying time.

©2023, HPS, EPA, EPA RAPID, SELL SHEET, HPS-2191



# 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 1168
- 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.
- EPA: Schönnox underlayments may be applied after 4-6 hours and prior to installing flexible overings and/or wood floor
- EPA Rapid: Schönnox underlayments may be applied after 2-3 hours and prior to installing flexible overings and/or wood floor

## TECHNICAL DATA

- Two-part epoxy
- Color: transparent-amber
- EPA density: 1.08 kg/l (mixed material)
- EPA Rapid density: 1.1 kg/l (mixed material)
- Storage temperature: not below 41°F
- EPA working time: approx. 30 min. at 65°F
- EPA Rapid working time 10 min. at 65°F
- Working temperature: not below 50°F floor temperature (recommended: > 65°F, relative humidity <=75%)

- EPA: Maximum coverage rate: approx. 290 sq.ft. per unit
  - EPA Rapid: Maximum coverage rate: approx. 300 sq.ft. per unit
  - The finished application must cover the substrate completely without any voids or pinholes to ensure moisture vapor suppression!
  - EPA: Ready for leveling (after back roll): after approx. 4 - 6 hours at 65°F floor temperature
  - EPA Rapid: Ready for leveling (after back roll): after approx. 2 - 3 hours at 65°F floor temperature
  - Permeance (ASTM E96):  $\leq 0.1$  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.

## PACKAGING

- EPA: 2-component system:
  - 7.4 kg / 1.78 gal. component A (resin) in metal canister
  - 2.6 kg / 0.68 gal. component B (hardener) in metal canister
- EPA Rapid: 2-component system:
  - 7.14 kg / 1.68 gal. component A (resin) in metal canister
  - 2.68 kg / 0.77 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

- < 100 g/l according to SCAQMD 1168



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

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