

# SCHÖNOX PROTECT UNIVERSAL ADHESIVE HAS YOU COVERED INSIDE AND OUT.



## UNIVERSAL ADHESIVE FOR RESILIENT FLOORING

Schönox Protect is the newest addition to our adhesives line in North America. Suitable for bonding vinyl floor coverings - sheet vinyl, LVT, and VCT - as well as rubber, cork, and even artificial turf, Schönox Protect provides a moisture-resistant, non-shrinking, solvent-free adhesive layer for porous and non-porous interior floors.

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# SCHÖNOX PROTECT

## UNIVERSAL ADHESIVE FOR RESILIENT FLOORING

Schönox Protect is a one-part SMP (silane modified polymer) suitable for a wide variety of interior floor coverings. This adhesive is ideal for heavy load areas and critical physical and climatic environments.



CASTOR WHEEL LOADING



RESISTANT TO HIGH MECHANICAL LOAD



INTERIOR



RADIANT HEAT

### PRODUCT CHARACTERISTICS

- For interior use
- Solvent-free
- Water-free
- Moisture-resistant
- Non-shrinking, even in thicker layers
- Suitable on underfloor heating systems
- Temperature-resistant after curing
- Heavy-duty
- Low-odor
- Long open time
- Easy to apply
- High-strength

### RECOMMENDED APPLICATION DETAILS

Schönox Protect is suitable for installing: Sheet vinyl, vinyl composition tile, luxury vinyl tile, synthetic rubber coverings in sheets, linoleum coverings in sheets, rubber and cork granulated underlayments, and artificial turf.

### STORAGE

- Store in cool, frost-free conditions
- Shelf life: 1 year, unopened
- Remove any skin that has formed; do not stir in

### DISPOSAL

Empty containers and dispose of in accordance with federal, state, and local waste disposal regulations.

### PACKAGING

- 3 gallons in plastic container

### SUBSTRATE REQUIREMENTS

- Subfloors must be smooth, sound, clean, dry, and free of any contaminants which may hinder adhesion.
- Surface treatments must be mechanically removed and the subfloor repaired with Schönox leveling compounds as required.
- Old water-soluble adhesives should be removed completely; old water-resistant adhesives should be mechanically removed as far as possible.
- All slabs on or below grade level must be known to have an intact vapor retarder directly beneath the concrete in conformance with the relevant standards.
- Before application, a moisture vapor emission Rate per ASTM F-1869 or a relative humidity of the concrete, using ASTM F-2170 must be obtained. For moisture readings above 95% RH or 18 lbs./1000 sq.ft./24hrs, apply Schönox EPA or EPA Rapid to suppress residual moisture. Always follow the directions of the floor covering manufacturer regarding the maximum allowable moisture content and test the substrate prior to installation.
- Always follow the floor covering manufacturer's guidelines regarding specific substrate requirements.
- As some vinyl tiles and planks may change dimensions as a result of how the product was manufactured, Schönox can not be held responsible for installation issues caused by dimensional changes in flooring structures.

### VOC CONTENT

- 0g/l (calculated), SCAQMD 1168

### TECHNICAL DATA

- Basis: SMP
- Color: off-white
- Density: 1.4 kg/l
- Storage temperature: not below 41 °F
- Working temperature: not below 59 °F floor temperature
- Coverage per unit when applied with
  - notched trowel 1/16" x 1/16" x 1/16": approx. 480-670 sq.ft.;
  - notched trowel 1/8" x 1/8" x 1/16": approx. 400-480 sq.ft.
- Waiting time on substrates:
  - porous: 0 – 10 minutes
  - non-porous: approx. 20 minutes
- Open time: approx. 30 minutes
- Drying time: approx. 24 hours
- Final strength: after approx. 48 – 72 hours

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. Do not install underlayment or topping before the substrate has dried thoroughly.



**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

