

RECOMMENDED SPECIFICATION FOR
SCHÖNOX PU 900 2-COMPONENT UNIVERSAL POLYURETHANE ADHESIVE

PART 1 – GENERAL

1.01 SUMMARY

- A. This is the recommended specification for **Schönox PU 900 2-Component Universal Polyurethane Adhesive** is suitable for bonding vinyl and rubber floor coverings as well as, linoleum, rubber granulate underlays, suitable artificial grass, as well as repair cracks in screeds on porous and non-porous substrates in interior areas.

1.02 SECTION INCLUDES

- A. **Schönox PU 900 2-Component Universal Polyurethane Adhesive**

1.03 QUALITY ASSURANCE

- A. Installation of **Schönox PU 900 2-Component Universal Polyurethane Adhesive** must be done by a qualified installer, using equipment and tools recommended by the manufacturer.
- B. Subfloors must be smooth, sound, clean, dry and free of contaminants, which may hinder adhesion.
- C. Surface treatments or any “friable” areas of the subfloor must be mechanically removed and the subfloor repaired with **Schönox** underlayments as required.
- D. With subsequent lying of floor coverings on cementitious substrates, where moisture readings are above 75% RH or 3 lbs./1000 sq. ft./24 hrs. then an application of **Schönox SDG Moisture Vapor Barrier** may be used to suppress residual moisture.
- E. Gypsum screeds should always be dry. Do not use damp proof membranes on gypsum substrates.
- F. Old water-soluble adhesives should be removed completely; old water resistant adhesives should be mechanically removed as far back as possible.
- G. Sufficient adhesion on leveled substrates is achieved by using **Schönox** leveling compounds at 1/8” or higher.

- H. Follow the technical product information of the coverings manufacturer regarding specific substrate requirements.

1.04 DELIVERY, STORAGE AND HANDLING

- A. General requirements: Materials shall be delivered in their original, unopened packages and protected from the elements. Avoid extreme hot or cold, direct sunlight and moisture. Damaged materials shall be removed from the job site.

1.05 SITE CONDITIONS

- A. Store **Schönox PU 900** in the installation area.
- B. The temperature must be kept at or above 32° F.
- C. Working temperature not below 59° F.
- D. Temperature resistance with under floor heating up to 120° F.

PART 2-PRODUCTS

2.01 MATERIALS

- A. **Schönox PU 900 2-Component Universal Polyurethane Adhesive**

2.02 MIX DESIGNS

- A. Add the hardener (component B) to the resin (component A) and form a homogeneous mixture using a mixer.
- B. Wear rubber gloves and protective gear.
- C. To guarantee a homogenous mixture transfer to a clean container and repeat the mixing process.

PART 3-EXECUTION

3.01 PREPARATION

- A. Subfloors must be smooth, sound, clean, dry and free of contaminants, which may hinder adhesion.
- B. Surface treatments or any “friable” areas of the subfloor must be mechanically removed and the subfloor repaired with **Schönox** underlayments as required.
- C. With subsequent lying of floor coverings on cementitious substrates, where moisture readings are above 75% RH or 3 lbs./1000 sq. ft./24 hrs. then an application of **Schönox SDG Moisture Vapor Barrier** may be used to suppress residual moisture.
- D. Gypsum screeds should always be dry. Do not use damp proof membranes on gypsum substrates.
- E. Old water-soluble adhesives should be removed completely; old water resistant adhesives should be mechanically removed as far back as possible. Prime remaining adhesive residues accordingly.
- F. All slabs on or below grade level must be known to have an intact vapor retarder directly beneath the concrete in conformance to relevant standards.
- G. Sufficient adhesion on leveled substrates is achieved by using **Schönox** leveling compounds at 1/8” or higher.
- H. Follow the technical product information of the coverings manufacturer regarding specific substrate requirements.
- I. Some unevenness in the substrate can be leveled with **Schönox PU 900**.
- J. It is the responsibility of the flooring contractor to ensure that the subfloor is thoroughly clean and properly anchored prior to the installation of any **Schönox** products.

3.02 APPLICATION OF ADHESIVE

- A. Add the hardener (component B) to the resin (component A) and form a homogeneous mixture using a mixer.
- B. Wear rubber gloves and protective gear.
- C. To guarantee a homogenous mixture transfer to a clean container and repeat the mixing process.

- D. Coverings to be fixed with **Schönox PU 900** should be conditioned, unstressed and in a flat position.
- E. Empty the adhesive out of the pail and spread the adhesive evenly using a tooth trowel, 1/8'x1/8"x1/16".
- F. Lay the covering down in fresh adhesive bed, and roll over the covering. After 1-2 hours repeat the process.
- G. For filling, sealing, closing of cracks, impacts, junctions cover the still fresh **Schönox PU 900** with dry silica sand (grain size 0.2 to 0.8 mm) to guarantee a secure adhesion with subsequent materials.
- H. There is no waiting time; open time is approx. 70-80 minutes; drying time 24 hours.
- I. Coverage: when applied with a notched trowel 1/8"x1/8"x1/16" is approx. 105 sq. ft. per unit.

END OF SECTION