

SCHÖNOX® UNITECH

Product data sheet **1.77**

Solvent-free dispersion adhesive

suitable for bonding of textile coverings with e.g. synthetic backing, needlefelt, natural fibre coverings with backing as well as linoleum, PVC and CV floor coverings on suitable absorbent substrates in interior areas.

Product characteristics

- for interior use
- suitable for wet adhesion
- solvent-free according to TRGS 610
- low consumption / high coverage
- suitable for castor wheels in accordance with EN 12 529
- suitable for shampooing according to RAL 991 A2
- suitable for application on subfloor heating systems
- strong stringiness
- short waiting time
- easy to apply
- suitable on all SCHÖNOX levelling compounds
- rapid development of adhesion strength

Applications

SCHÖNOX UNITECH is suitable for bonding of:

- PVC floor coverings
- CV floor coverings
- SCHÖNOX TS
- textile coverings with
 - PVC backing
 - filling compound-free backing constructions
 - synthetic secondary backing or jute backing
 - suitable non-woven backing
- single or multi-layer needlefelt
- natural fibre coverings with backing such as coir and sisal
- linoleum coverings in sheets on suitable absorbent substrates in living- and business areas (interior).

Requirements of substrate

- Adequate strength, load bearing capacity, dimensional stability and permanent dryness.
- Free of residues which reduce adhesion, e.g. dust, dirt, oil, fat and loose particles.

- Sound, even surfaces with absorbency level appropriate to use are achieved by using SCHÖNOX levelling compounds, layer thickness for vapor proof coverings as well as on non absorbent substrates at least 2 mm.
- In order to receive the substrate requirements of the specific coverings, refer to the technical product information of the coverings manufacturer.
- The requirements of the relevant valid standards, guidelines and data sheets apply.

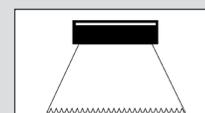
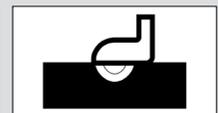
Recommended method of working

- SCHÖNOX UNITECH is a solvent-free dispersion adhesive and should be stirred before use.
- Coverings to be laid with SCHÖNOX UNITECH should be conditioned, unstressed and in a flat position.
- Spread the adhesive evenly on the substrate using a notched trowel. Avoid lumps of adhesive.
- Recommended trowel size:
 - PVC with even backing: TKB A1
 - PVC with structured backing: TKB A2
 - Cushioned Vinyl: TKB A1
 - Textile coverings with PVC backing and sound insulation mat: TKB A2
 - Textile coverings: TKB B1/B2
 - Linoleum/corkment: TKB B1
- The right amount of adhesive is determined by the backing of the covering. Ensure that there is adequate wetting.
- Non diffusion permeable coverings should be laid on absorbent substrates during the "semi-wet phase".
- Linoleum and diffusion permeable coverings like e.g. needlefelt on absorbent substrates should be laid during the "wet phase".
- Especially for linoleum take care of the short open time of the adhesive.

Technical data

- Basis: synthetic resin dispersion with bonding additives
- Color: cream-beige
- Density: 1,39 kg/l
- Storage temperature: not below + 5 °C
- Application temperature: not below + 15 °C floor temperature
- Material consumption:
 - notched trowel TKB A1-A2: 300 - 350 g/m²
 - notched trowel TKB B1-B2: 400 - 500 g/m²
- Waiting time: approx. 5 - 10 min
- Open time: approx. 15 - 30 min
- Drying time: approx. 24 hours
- Final strength: after approx. 72 hours

All values are approximate, are subject to local climatic fluctuations and vary according to the absorbency of the substrates and the applicator device.



- The distance between each linoleum sheet should be at least the thickness of a postcard.
- After laying without bubbles, rub down the covering and after a waiting time rub again or roll it.
- Wait at least 24 hours before sealing joints.
- Laying stages:
 - "wet phase": adhesive applied does not yet display any stringiness.
 - "semi-wet phase": start of contact phase, adhesive groove domes are transparent, stringiness is present. Adhesive groove is not yet dried through.
- Direct securing to old adhesive residues can lead to interactions and thus to unpleasant smells.

Packaging

- 20,0 kg plastic pail

Storage

- Store SCHÖNOX UNITECH in cool, dry, frost-free conditions.
- Storage life of 1 year (in closed packaging).
- Opened bags should be closed immediately and used up as soon as possible.
- Remove any skin that has formed, do not stir in.

Disposal

- Empty packaging completely and dispose of in accordance with regulations
- For the disposal of product residues, waste water and containers with adherent product residues please follow the local governmental regulations.

GISCODE

- D1 - solvent-free dispersion adhesives and primers

Hazard class

- does not apply

Instructions

- Clean tools immediately in water with low surface tension.
- Wipe impurities immediately from the covering surface and remove residual

skin using a suitable cleaning agent (e.g. SCHÖNOX FIX CLEAN).

- Follow the covering manufacturer's laying instructions. If in doubt, we recommend testing a small area.
- The BEB-leaflet "Beurteilen und Vorbereiten von Untergründen; Verlegen von elastischen und textilen Bodenbelägen, Schichtstoffelementen (Laminat), Parkett und Holzpfaster; Beheizte und unbeheizte Fußbodenkonstruktionen" should be followed.

The applicable recommendations, guidelines, DIN regulations and safety data sheets are to be observed, together with the recognised architectural and engineering regulations. We guarantee that our products leave the factory in perfect condition. While our recommendations for use are based on tests and practical experience, they can only provide general guidance without any assurance as to product characteristics, since we have no influence over the conditions on site, the execution of the work or the method of processing. This product data sheet supersedes all previous editions.



The SCHÖNOX management system is certified to ISO 9001 and 14001 by SQS

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