

Impact sound insulation underlay

suitable for improving impact sound insulation, heat insulation and living comfort in modern and old buildings for wall and floor areas.

Product characteristics

- approved by the building authorities
- Emission tested building product according to DIBt-principles - approval no.: Z-158.10-40
- on walls and floors
- SCHÖNOX TS 3 mm under parquet (tongue and groove)
- smooth surface ideal for adhesives
- easy and rapid application
- high and lasting recovery properties
- reduction of covering abrasion
- suitable on floor heating systems
- suitable for chair wheels according to EN 12 529 in case of bonding to the substrate
- can be applied to almost all substrates
- reduces the formation of walking lines on textile coverings
- low construction height
- heat insulating
- high impact sound insulation
- high underfoot comfort
- minimal mass per m²

Applications

SCHÖNOX TS is a special cork-PU-granulate underlay for improving impact sound insulation, heat insulation and living comfort in modern and old buildings for wall and floor areas:

- under flexible coverings e.g. PVC- and CV coverings and textile coverings
- under parquet and laminate with tongue and groove by floated laying
- under parquet with tongue and groove by full-surface bonding
- especially suitable on stairs as well as ready-built houses and timber construction

Requirements of substrate

- Adequate strength, bearing strength, dimensional stability and permanent dry.

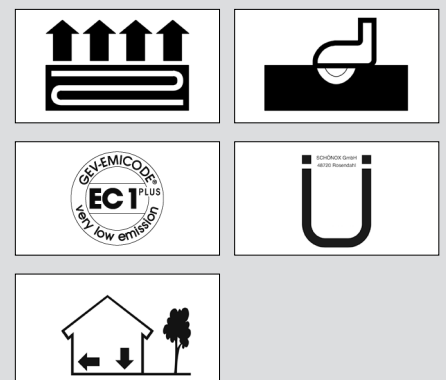
- Free of layers which lower the grip like dust, dirt, oil, wax and loose parts.
- Surface treatments or any "friable" areas of the subfloor must be mechanically removed and the subfloor repaired with SCHÖNOX levelling compounds as required.
- Old and weak levelling layers should be removed mechanically.
- Old, suitable coverings should be firmly bonded, thoroughly cleaned, abraded and should, if necessary, treated with a plasticizer barrier (e.g. SCHÖNOX FS).
- Sound, even surfaces with absorbency level appropriate to use are achieved by using SCHÖNOX levelling compounds.
- The requirements of the relevant valid standards, guidelines and data sheets apply.

Recommended method of working

- Notice an adequate acclimatisation of the underlay and the coverings.
- In combination with SCHÖNOX TS the behaviour to castor wheels and indentation can change. Follow the instructions of the covering manufacturer.
- Cut SCHÖNOX TS in released condition.
- Lay out the underlay sheet to sheet, 90° shifted to the proposed direction of the covering.
- SCHÖNOX TS is full-surface bonded on the substrate and rubbed or rolled.
- Recommended adhesive SCHÖNOX EM-CLASSIC, SCHÖNOX MULTI OBJEKT and SCHÖNOXO HARD ELASTIC.
- Under suitable parquet with tongue and groove (e.g. two-layer or three-layer composite parquet) bond SCHÖNOX TS 3 mm with SCHÖNOX HARD-ELASTIC by using TKB B1.
- Notice a drying time of at least 24 hours after bonding SCHÖNOX TS.
- Before laying suitable PVC coverings, level SCHÖNOX TS with SCHÖNOX FS or SCHÖNOX DS. In case of high load-

Technical data

- Basis: cork-PU-granulate
- Color: brown-black
- Material thickness: appr. 3 mm; 5 mm
- Sheet width: 1,00 m
- roll length: 20 m; 16 m
- roll weight: approx. 36 kg; 47 kg
- Mass per unit area:
 - 3 mm approx. 1,65 kg/m²
 - 5 mm approx. 2,75 kg/m²
- Acoustic improvement according to ISO 10140 (without covering):
 - 3 mm 17 db
 - 5 mm 18 db
- Thermal resistance according to ISO 8302:
 - 3 mm 0,04 m² K/W
 - 5 mm 0,06 m² K/W
- Temperature resistance:
 - 30 °C up to + 80 °C



ing embed SCHÖNOX ARMIERUNGS-GEWEBE.

- For bonding suitable coverings on SCHÖNOX TS we recommend SCHÖNOX EMICLASSIC. Observe an adequate waiting time.
- Laying on old wear floors e.g. ceramic or parquet after intensive use joints could show through.

Packaging

- 3 mm - 20 m roll
- 5 mm - 16 m roll

Storage

- Store SCHÖNOX TS cool, dry and upstanding.

Disposal

- Cuttings as well as SCHÖNOX TS bonded with covering can be disposed of as construction waste.

EMICODE

- EC 1^{PLUS}: very low emission^{PLUS}

Instructions

- Please follow the relevant product data sheets when using complementary products. If in doubt, we recommend obtaining further information from the manufacturer.
- The BEB-leaflet "Beurteilen und Vorbereiten von Untergründen; Verlegen von elastischen und textilen Bodenbelägen, Schichtstoffelementen (Laminat), Parkett und Holzpflaster; 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 DQS

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