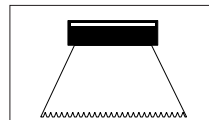
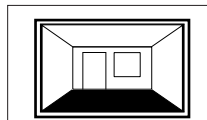
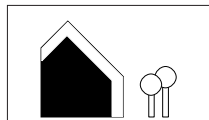


DIN
18 356



SCHÖNOX® MS-ELASTIC

Universal elastic parquet adhesive

suitable for bonding all types of parquet on suitable substrates in interior areas as well as in rooms with expected fluctuations in room climate.

Product characteristics

- EMICODE EC 1R: very low emission, regulated
- no priming required
- easily spread
- for interior use
- solvent-free following TRGS 610
- waterfree
- optimum ridging
- elastic adhesive groove
- suitable on underfloor heating systems
- neutral smell
- ready for use
- no waiting time
- long working time
- good water-resistance

Applications

SCHÖNOX MS-ELASTIC is suitable for bonding:

- block parquet
 - oily types of wood
 - strip parquet
 - mosaic parquet
 - parquet blocks
 - woodblock
 - suitable solid, double or triple layer composite parquet
 - solid floorboards
 - 10 mm solid parquet (see „instructions“)
- on all suitable absorbent and non-absorbent substrates in interior areas.

Requirements of substrate

- Subfloors must be smooth, sound, clean, dry and free of any contaminants which may hinder adhesion.
- Surface treatments or any "friable" areas of the subfloor must be mechanically removed and the subfloor repaired with SCHÖNOX levelling compounds as required.
- Subfloor should have an effective damp proof membrane.
- With subsequent laying of floor coverings, where moisture readings are above 75%RH, as tested with a properly calibrated hygrometer or > 2.0 CM% then application of SCHÖNOX EG may be used to suppress residual moisture (see data sheet). Gypsum screeds should have a reading of < 0.5 CM%.
- The requirements of DIN 18 356 "Parquet work" and DIN 18 367 "Wood block work" are applicable.

- Sound, even surfaces are achieved by using SCHÖNOX PS-RAPID (above 2 mm layer-thickness) or SCHÖNOX FPL PLUS (above 5 mm layer-thickness). A final priming is not necessary.
- SCHÖNOX AP-FASER and SCHÖNOX AP are also suitable for laying parquet on. Ensure the levelling compound is well dried through.
- Refer to special substrate requirements for parquet work: Property class of screed at least C20-F4 and Hardness Class IC10/IC15; see also BEB Data Sheet „Oberflächenzug- und Haftzugfestigkeiten von Fußböden“ (11/04).
- Refer to the parquet manufacturer's technical product information for parquet substrate requirements.
- The substrate requirements according to DIN 68 702 apply to wood block flooring.
- The substrate does not need to be primed beforehand.
- The requirements of the relevant valid standards, guidelines and data sheets apply.

Technical data

- | | |
|----------------------------------|--|
| ● basis | MS-Polymer |
| ● color | beige |
| ● density | 1,55 kg/l |
| ● storage temperature | not below +5 °C |
| ● working temperature | not below +18 °C, not above 65% rel. air humidity |
| ● material consumption/ coverage | toothed trowel TKB B3, B6, B10 approx. 750 - 800 g/m ²
20.0 - 21.3 m ² per unit
toothed trowel TKB B11, B15 approx. 1000 - 1200 g/m ²
13.3 - 16.0 m ² per unit
toothed trowel TKB S4 - B17 approx. 2000 - 3000 g/m ²
5.3 - 8.0 m ² per unit |
| ● waiting time | none |
| ● skin formation | after approx. 30 min |
| ● open time | approx. 45 min |
| ● drying time | approx. 24 hours |
| ● final strength | after approx. 72 hours |
| ● wood can be ready for working | after 24 to 48 hours* |

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

* if ratio of wood humidity can be matched to air humidity of object.

SCHÖNOX® MS-ELASTIC

Recommended method of working

- SCHÖNOX MS-ELASTIC is ready for use.
- Parquet that is bonded with SCHÖNOX MS-ELASTIC should be conditioned and requires a wood humidity of $9\% \pm 2\%$ (ready-made parquet $8\% \pm 2\%$, wood block 8 to 12 %) determined by DIN EN 13183-2.
- SCHÖNOX MS-ELASTIC should only be used at temperatures above $+18\text{ °C}$. The ideal working temperature is from $+18$ to $+22\text{ °C}$ and the ideal substrate temperature above $+15\text{ °C}$.
- Apply the adhesive evenly on the substrate with a toothed spatula. Only apply as much adhesive as can be laid with parquet within approx. 45 minutes. Recommended toothed trowels: TKB B3, B6, B10, B11, B15, B17 or S4.
- Lay the parquet directly into the adhesive bed with light twisting movement, tap it firmly and if necessary weigh it down. Ensure adequate wetting.
- The distance from the wall of the parquet to be laid should be at least equal to the material strength. If dimensional changes in the wood are expected, the distance from structures should be increased accordingly.
- Sand and seal only after the adhesive is fully cured.

Packaging

- 16.0 kg plastic pail

Storage

- Store SCHÖNOX MS-ELASTIC in cool, frost-free conditions.
- Shelf life 6 months.
- Containers that have been opened should be closed immediately.
- Remove any skin that has formed, do not stir in.

Disposal

- Empty containers, scraped-out, drip-free and dispose of in accordance with the regulations.

EMICODE

- EC 1R: very low emission, regulated

Instructions

- When laying parquet without tongue and grooving, please ensure complete wetting by choosing a suitable toothing. Primarily at the ends, inadequate wetting can lead to the parquet planks moving on the elastic adhesive ridge. After laying, roll the parquet if necessary. It might be necessary to fill the substrate to achieve adequate evenness.
- Take care to ensure that no adhesive is pushed between the parquet elements. Carefully insert each element into the adhesive bed and press evenly.

- Cover the adhesive with a plastic sheet after partial removal to stop the adhesive hardening in the air humidity. Remove any skin already formed.
- Clean tool: remove adhesive residius from spatula and mask before use.
- Wipe off impurities on sealed surfaces immediately and remove residual bloom with a suitable cleaning agent.
- The laying instructions of the parquet manufacturer should be followed. If in doubt, we recommend testing a small area.



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

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.