

## Installation Instruction

### 1. Intended use

**KOMFORTEX® Protection Premium** is a robust, easy-care and liquid-insensitive covering that is particularly suitable as wall tread protection in horse boxes. High load-bearing capacity and outstanding resistance to mechanical impact make **KOMFORTEX® Protection Premium** an "all-rounder" in the box area.

Thanks to the material thickness of 18 mm, the tile protects the stall walls and reduces the risk of injury to horses.

The robust, water-permeable backing board makes it easy to install and the professional connection using an end rail creates an attractive and universally usable surface for every horse stable.

### 2. Tools

**Measuring and marking:** Folding rule, chalk line, chalk pencil, spirit level



**Cutting:** sturdy cutter knife, jigsaw (wood saw blade), angle rail, angle grinder



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**Drilling, mounting, gluing:** Drill, cordless screwdriver, hammer, spatula



**Fastening elements:** Countersunk head screws M5 x 50mm for wooden walls

Countersunk screws M6 x 50mm with dowel for concrete walls

### **3. Mounting types for box wall**

#### **a) Full-surface bonding (without doweling) on load-bearing substrates**

All substrates must be solid, stable, non-deformable and free from dust, dirt and other contaminants.

- Highly absorbent, mineral substrates (e.g. cement plaster, gypsum plaster) must be primed.
- Imperfections must be filled with suitable fillers.
- The residual moisture content of the substrates must not exceed the following values:
  - gypsum-based plasters 1%
- The boards are set and aligned over the entire surface with a thin-bed mortar (recommendation: wedi 320 tile adhesive universal). The joints of the individual boards must be reinforced with the "wedi Tools reinforcement tape" using commercially available thin-bed mortar (recommendation: "wedi 320 tile adhesive" universal or comparable) or with "wedi Tools reinforcement tape" self-adhesive.

#### **b) Full-surface bonding (with doweling) on non-load-bearing substrates**

This type of fixing is used when permanent bonding of the board to the substrate is not possible due to a blocking surface, separating layers or similar.

The board should be processed as described under a), be carried out.

**4. Preparation (applies to both mounting types)**

The box wall must be thoroughly cleaned before installation.

Any unevenness must be removed before laying the tiles.

**5. Installation (applies to both types of fastening)**

Cutting the tiles to the required dimensions.



Aligning the tiles and the stainless steel edging.



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Depending on the nature of the box wall, pre-drilling of the screw connections may be necessary.



Depending on the existing box wall quality, wooden wall or concrete wall the appropriate countersunk screw is used and the tile is fixed with the stainless steel edging at a distance of 25 cm.



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Care must be taken to ensure that each tile is fixed butt-jointed to the next and that there is no joint between the individual elements.



The separating edges of the stainless steel edging must be deburred to prevent risk of injury to the horses.



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