

1. Application

KOMFORTEX® Protection Premium is an elastic, robust, easy-care and liquid-resistant which also offers increased impact protection and reduced noise pollution in horse stalls.

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 carrier plate makes it easy to install and the professional connection using a finishing rail creates an attractive and universally applicable solution for any horse stall.

2. Material

Surface: Fine recycled tire rubber granules and EPDM color granules bound with polyurethane.
Color: Black 95% /Grey 5% (Slight color differences are due to the material)

Carrier plate: Rigid polystyrene foam coated on both sides with plastic-modified mortar and reinforced with textile glass grid



3. Dimension

Length x Width: 1.250mm x 600mm
Thickness: 18 mm
Weight: approx. 9kg
Length stainless steel edging: 200mm

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5. Technical Data

Fire behavior: Efl (B2) (DIN EN 13501-1)

Core material

Thermal conductivity: 0,033 W/mK (4 – 60 mm)
0,036 W/mK (70 - 120 mm)

Minimum bulk density: $\geq 25 \text{ kg/m}^3$

Compressive stress at 10%: CS (10/Y) 200 kPa = 20 t/m²

Closed cell: $\geq 95 \%$

Modulus of elasticity: 12 N/mm² = 12000 kPa

Water absorption capillary: 0

Water absorption through diffusion: WD(V)3 Vol.%

Resistance to freeze-thaw cycles: FTCD 1

Surface material

Compression hardness: approx. 4,0 MPa (DIN 53577)

Tensile strength: approx. 1,5 N/mm² (EN ISO 1798)

Elongation at break: approx. 80 % (EN ISO 1798)

Abrasion: max. 200 mm³ (DIN 53516)

Hardness: 60 +/- 5 Shore A (DIN 53505)

DVR: ca. 15 % (DIN 53517)

Color fastness: 2-3 (DIN EN 105-B02:1999-09)

Electrostatic behavior: 0,5 kV (DIN EN 1815:1995-06)



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