

WAKOL TS 160 Footfall Soundproofing Mat

Technical Information

Area of application

Polypropylene soundproofing mat with single-sided aluminium lamination for improving the footfall sound insulation. The WAKOL TS 160 Footfall Soundproofing Mat has cutouts for accommodating WAKOL MS 262 Parquet Adhesive, firm-elastic, and is suitable for laying strip parquet and solid wood planks up to a max. width of 18 cm, as per DIN EN 13226, and multi-layer parquet from a length of 90 cm, as per DIN EN 13489, indoors.

Special properties



- 1) Emissions class according to French law
- 2) Emissions-certified construction product i.a.w. DIBt principles: Wakol GmbH, 66954 Pirmasens
- 3) Suitable for underfloor heating
- 4) Suitable for exposure to castor wheels

Technical data

Material:	Polypropylene, aluminium-laminated
Delivery:	Roller
Dimensions:	1,25 m long, 12,0 m wide, approx. 3,0 mm thick
Mass per unit area:	approx. 100 g/m ²
Footfall sound reduction: (according to EN ISO 140-8)	up to 17 dB in conjunction with 10 mm ready-to-lay parquet
Thermal resistance R: (according to EN 12 667)	0,09 m ² K/W
Note on storage:	The rolls must be stored upright
Storage temperature:	not sensitive to frost

Subfloors

The subfloor as well as the room climate conditions must meet the requirements of the applicable standards and data sheets. Subfloors must be permanently dry, solid, level, free from cracks, dirt and adhesion-inhibiting substances.

Apply appropriate Wakol levelling compounds to severely uneven subfloors. The technical information on the primers and levelling compounds must be heeded.

Usage

Lay the acclimatised footfall soundproofing mat loosely, with the metal side up. The recesses must lie transversely (offset by 90°) to the laying direction of the parquet.

Fill the recesses with WAKOL MS 262 Parquet Adhesive, firm-elastic, using the special triangular nozzle. Attach the nozzle perpendicularly and fill only the number of slits that can cover the parquet within the open time of the parquet adhesive.

For laying multi-layer elements from 200 cm in length without a locking system, apply WAKOL D 6085 Wood Glue in an H shape at the end butts.

Insert the parquet elements and press into the adhesive grooves, ensuring sufficient wetting. Consult the technical information for the adhesive.

Important

Processing not below floor temperature of +15 °C and room temperature of +18 °C, as well as room humidity preferably between 40 % and 65 %, maximum 75 %. All information is based on approx. 20 °C and 50 % relative air humidity.

Warm up all laying materials in due time in heated room.

If a coating is to be used, first clarify its suitability for elastic parquet bonding.

We guarantee the uniform high quality of our products. All data is based on tests and many years of practical experience and refers to standardised conditions. The variety of materials used and the different construction site conditions, which lie beyond our control, preclude any claims based on this data. We therefore recommend making sufficient trials. Accompanying flooring manufacturer's instructions and the currently applicable codes must be observed. We gladly provide technical advice.

The product data sheets can be found in their latest version at www.wakol.com.

This Technical Information of 02.11.2021 supersedes all previous versions.