

# WAKOL TS 103 Footfall Soundproofing Mat, 3 mm

## Technical Information

### Area of application

Cork/polyurethane foam matting for improving the footfall sound and heat insulation of flooring in renovations and new buildings. WAKOL TS 103 Footfall Soundproofing Mat, 3 mm are suitable as a soundproofing mat underneath

- PVC and CV flooring
- Textile flooring
- Linoleum flooring
- Rubber flooring
- Strip parquet as per DIN EN 13226
- Multi-layer parquet as per DIN EN 13489
- Wood-block RE/WE as per DIN 68702
- Solid wood planks (oak wood type, max. 16 cm in width) according to DIN EN 13266 and DIN EN 13990
- Wood-block RE/WE as per DIN 68702
- Laminate

indoors.

### Special properties



- 1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1: very low in emissions
- 2) Emissions class according to French law
- 3) Emissions-certified construction product i.a.w. DIBt principles: Wakol GmbH, 66954 Pirmasens
- 4) Suitable for underfloor heating
- 5) Suitable for exposure to castor wheels

### Technical data

Raw material base:

permanently elastic composite material made of cork and PU foam granules

Delivery:

Roller

Dimensions:	35 m long, 1 m wide
Material thickness:	3 mm thick
Mass per unit area:	approx. 1,31 kg/m <sup>2</sup>
Footfall sound reduction: (according to EN ISO 140-8)	18 dB in combination with 10 mm of multi-layer parquet 20 dB in combination with 3 mm of PVC 17 dB in combination with 3 mm of rubber
Note on storage:	The rolls must be stored upright
Fire behaviour: (according to ISO 11 925/EN 13 501)	Efl
Thermal resistance R: (according to EN 12 667)	0,045 m <sup>2</sup> K/W
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

**Bonding the footfall soundproofing mat:**

Bond footfall soundproofing mat close together on the appropriately prepared subfloor, at a right angle to the direction of the flooring strip, using the same adhesive used to bond the top covering. Apply the adhesive with a TKB A2, B1 or B2 notched trowel (parquet). Fit the soundproofing mat once the corresponding airing time has passed and press down well. After a short time press, it down. The top covering can be laid the next day, after the adhesive has set.

**Bonding the top covering:**

Before laying PVC and CV flooring or rubber and linoleum flooring, level the soundproofing mat using WAKOL D 3060 Plastification Additive.

Sand the levelling compound layer once it has hardened. Textile flooring, laminate and parquet are bonded directly to the soundproofing mat without the use of levelling compound.

The following products are suitable for bonding:

PVC flooring, homogeneous:	WAKOL D 3317 PVC Adhesive, fibre-containing WAKOL D 3318 MultiFlex, fibre-containing WAKOL D 3319 LVT Flooring Adhesive, fibre-containing WAKOL D 3320 PVC Adhesive
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CV flooring:	WAKOL D 3360 VersaTack WAKOL D 3317 PVC Adhesive, fibre-containing WAKOL D 3318 MultiFlex, fibre-containing WAKOL D 3319 LVT Flooring Adhesive, fibre-containing WAKOL D 3320 PVC Adhesive WAKOL D 3360 VersaTack
Textile flooring:	WAKOL D 3304 Linoleum Adhesive WAKOL D 3308 Carpet Adhesive WAKOL D 3310 Carpet Adhesive WAKOL D 3311 Linoleum and Carpet Adhesive WAKOL D 3360 VersaTack
Linoleum flooring:	WAKOL D 3304 Linoleum Adhesive WAKOL D 3311 Linoleum and Carpet Adhesive
Rubber flooring:	WAKOL 3410 Kontakto (contact bonding) WAKOL PU 270 Polyurethane Adhesive WAKOL MS 550 PVC and Rubber Adhesive
Solid wood planks:	WAKOL MS 260 Parquet Adhesive, firm-elastic WAKOL MS 262 Parquet Adhesive, firm-elastic WAKOL MS 290 Parquet Adhesive WAKOL MS 292 Parquet Adhesive WAKOL PU 210 Parquet Adhesive WAKOL PU 215 Parquet Adhesive WAKOL PU 225 Parquet Adhesive WAKOL PU 385 Parquet Adhesive
Wood-block RE/WE:	WAKOL PU 210 Parquet Adhesive WAKOL PU 215 Parquet Adhesive WAKOL PU 225 Parquet Adhesive
Multi-layer parquet:	WAKOL MS 230 Parquet Adhesive, elastic WAKOL MS 232 Parquet Adhesive, elastic WAKOL MS 260 Parquet Adhesive, firm-elastic WAKOL MS 262 Parquet Adhesive, firm-elastic WAKOL MS 290 Parquet Adhesive WAKOL MS 292 Parquet Adhesive WAKOL PU 210 Parquet Adhesive WAKOL PU 215 Parquet Adhesive WAKOL PU 225 Parquet Adhesive WAKOL PU 385 Parquet Adhesive
Laminate: (must be approved for bonding by the manufacturer)	WAKOL PU 210 Parquet Adhesive WAKOL PU 225 Parquet 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 parquet bonding on an elastic underlay mat.

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](http://www.wakol.com).

This Technical Information of 08.02.2021 supersedes all previous versions.