

# WAKOL TS 112 Footfall Soundproofing Mat, 2 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 112 Footfall Soundproofing Mat, 2 mm is classified with Bfl-S1 according to DIN EN 13501-1 and is suitable as insulating underlay under

- PVC and CV flooring
- Textile flooring
- Linoleum flooring
- Rubber flooring
- Mosaic parquet (cubed pattern) as per DIN EN 13488
- On-edge lamella parquet as per DIN EN 14761
- 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
- Laminate

indoors.

### Special properties



- hardly inflammable

- 1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS: 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:	30 m long, 1 m wide
Material thickness:	2 mm
Mass per unit area:	approx. 0,91 kg/m <sup>2</sup>
Footfall sound reduction: (according to EN ISO 140-8)	up to 19 dB in conjunction with 10 mm multilayer parquet
Note on storage:	The rolls must be stored upright
Fire behaviour: (according to ISO 11 925/EN 13 501)	Bfl-S1
Thermal resistance R: (according to EN 12 667)	0,03 m <sup>2</sup> K/W
Storage temperature:	not sensitive to frost

## Subfloors

If a primer is necessary, such as in the case of mastic asphalt concrete, use only Wakol reaction resin primer as WAKOL PU 280 Polyurethane Primer. 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  
WAKOL D 3360 VersaTack

CV flooring:

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

Mosaic, on-edge lamella and strip parquet:

WAKOL MS 260 Parquet Adhesive, firm-elastic  
WAKOL MS 290 Parquet Adhesive  
WAKOL PU 210 Parquet Adhesive  
WAKOL PU 215 Parquet Adhesive  
WAKOL PU 225 Parquet Adhesive  
WAKOL PU 385 Parquet Adhesive

Solid wood planks:

WAKOL MS 260 Parquet Adhesive, firm-elastic  
WAKOL MS 290 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 260 Parquet Adhesive, firm-elastic  
WAKOL MS 290 Parquet Adhesive  
WAKOL PU 210 Parquet Adhesive  
WAKOL PU 215 Parquet Adhesive  
WAKOL PU 225 Parquet Adhesive

Laminate: (must be approved for bonding by the manufacturer)

WAKOL PU 385 Parquet Adhesive

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.

We recommend using suitable oils or waxes to treat the surface after laying mosaic and on-edge lamella parquet as well as solid wood planks. 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.