

WAKOL RP 104 Decoupling Sheet, 4 mm

Technical Information

Area of application

Polyester fibre board for uncoupling and footfall sound reduction under bonded parquet indoors. Also suitable for levelling and subsequent bonding of textile and elastic flooring.

Special properties



- tension-relieving
- covers cracks
- load-bearing up to 5 kN/m²

- 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

Material composition:	Polyester fibre mixture
Delivery:	Box with 15 tiles each
Format:	100 x 60 cm
Material thickness:	4 mm
Mass per unit area:	approx. 2,8 kg/m ²
Thermal resistance R: (according to EN 12 667)	approx. 0,042 m ² K/W
Covers cracks:	up to 1,4 mm
Footfall sound reduction: (according to EN ISO 140-8)	depending on the top covering, e.g. approx. 13 dB with 10 mm of parquet
Reaction to fire: (according to DIN 4102):	B2
Reaction to fire: (according to EN ISO 11925):	E

Storage temperature: not sensitive to frost

Subfloors

WAKOL RP 104 Decoupling Sheet, 4 mm is especially well suited to renovating non-standardised, e.g. severely cracked, inhomogeneous, not fully stable but load-bearing subfloors indoors. Subfloors must be permanently dry, solid, level, free from dirt and adhesion-inhibiting substances.

Use a suitable mechanical procedure to remove separating layers.

Usage

Bond WAKOL decoupling sheet in conjunction with suitable WAKOL MS or PU Parquet Adhesive, e.g. WAKOL MS 260 Parquet Adhesive, firm-elastic or WAKOL PU 225 Parquet Adhesive with trowel TKB B5, B11 or B13. Only spread as much adhesive as can be processed within the working time. Only spread as much adhesive as can be processed within the working time. Insert the decoupling sheet and rub in or roll. Use a trapezoidal blade, jigsaw, circular saw or angle grinder (diamond cutting disc) for cutting work. For rising components, in the case of mineral subfloors an edge joint of min. 5 mm and in the case of wooden subfloors of min. 10 mm must be ensured.

With the use of WAKOL MS or PU adhesives the subsequent parquet laying can only be started as soon as the bonded panel or sheet is suitable for walking without shifting. A drying time of 12 hours must be observed for subsequent levelling of the decoupling sheets.

The parquet can be laid with WAKOL MS or PU Parquet Adhesives. The respective approvals of the manufacturer must be observed.

The decoupling sheet can be levelled with WAKOL Z 615 Levelling Compound, dust-reduced, WAKOL Z 625 Levelling Compound, WAKOL Z 630 Levelling Compound, WAKOL Z 515 Thin Screed or WAKOL A 830 Levelling Compound with 3 mm minimum layer in order to subsequently lay textile and elastic flooring in living and office areas. The levelling compound is applied directly onto the clean board surface. Before the subsequent laying of textile and elastic flooring, allow the levelling compound to dry thoroughly.

In the event of use for footfall sound reduction, no levelling compound must get between the board gaps in order to avoid the formation of acoustic bridges. The gaps between the boards must therefore be sealed with WAKOL MS 245 Montinator must be applied before the levelling compound is applied.

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.

Not suitable for laying wood asphalt.

Wooden floors whose diffusion capability is affected by levelling compounds and floor coverings must be ventilated from below. This rear ventilation may be implemented by installing ventilation filters or vent slits in the area of the skirting boards. Inadequate ventilation from below results in warpage in the wood.

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 29.01.2021 supersedes all previous versions.