

WAKOL RP 109 Decoupling Sheet, 9 mm

Technical information

Area of application

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

Special properties



1)



2)



3)

- tension-reduced
- covers cracks
- load-bearing up to 5 kN/m²
- suitable for underfloor heating
- suitable for chair rollers

1) based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS: very low in emissions

2) Emissions-certified construction product i.a.w. DIBt principles: Wakol GmbH, 66954 Pirmasens

3) Emissions class according to French law

Technical data

Material:	Polyester fibre mixture
Delivery:	box with 10 plates
Size:	100 x 60 cm
Thickness:	9 mm
Mass per unit area:	approx. 6.1 kg /m ²
Thermal resistance: R (as per DIN EN 12667)	0.095 m ² K/W
Crack bridging:	up to 1.6 mm
Footfall sound reduction: (as per DIN EN ISO 140-8)	depends on top covering, e.g. approx. 14 dB with 10 mm parquet
Fire class as per DIN 4102:	B2
as per EN ISO 11925:	E

Subfloors

WAKOL RP 109 Decoupling Sheet, 9 mm is especially suitable for renovating non-standardised, (e.g.) severely cracked, inhomogeneous, not fully stable but bearing-capable subfloors indoors. Subfloors must be level, permanently dry, solid and free of dust and dirt and adhesion-inhibiting substances. Employ a suitable mechanical procedure to remove separating layers.

Usage

Glue on a WAKOL RP 109 Decoupling Sheet, 9 mm, using a suitable Wakol MS or PU Parquet Adhesive, for. e.g. WAKOL MS 260 Parquet Adhesive, firm-flexible, or WAKOL PU 225 Parquet Adhesive, with serration TKB B5, B11 or B13. Apply only as much adhesive as can be used within the open time. Fit the uncoupling plate and press or roll. The plate can be cut to size using a trapezoid knife, jigsaw, circular saw or angle grinder (diamond cutting disc). 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.

When using Wakol MS - or PU – Adhesives, you can start with the subsequent laying of the parquet as soon as the fitted plate can be walked on without it being displaced. With subsequent levelling with WAKOL RP 109 Decoupling Sheet, 9 mm a drying time of 12 hours must be observed.

The parquet can be laid using Wakol MS or Wakol PU Parquet Adhesives. Observe the respective approvals of the parquet adhesives.

WAKOL RP 109 Decoupling Sheet, 9 mm, can be levelled with WAKOL Z 615 Levelling Compound, dust-reduced, WAKOL A 630 Levelling Compound, WAKOL Z 670 Levelling Compound for Wooden Floor or WAKOL A 620 Anhydrite Levelling Compound with 3 mm minimum layer in order to subsequently lay textile and elastic flooring in living and office areas. The compound is applied directly onto the clean plate 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 plate joints in order to avoid the formation of acoustic bridges. The joints between the plates must therefore be sealed with thin masking tape or WAKOL MS 245 Montinator must be 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 %.

In cold weather, warm up the uncoupling plates in due time in heated room.

Not suitable for laying wood blocks.

Wooden floors whose diffusion capability is affected by levelling compounds and floor surfaces must be sub-ventilated. This back-ventilation may be effected by installation of vent strainers or vent slits in the area of the skirting boards. Inadequate sub-ventilation results in warpage in the wood.

All information is based on approx. 20 °C and 65 % relative air humidity.

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. The laying instructions from the flooring manufacturer and the currently applicable standards and 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 25.01.2016 supersedes all previous versions.

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