



ARDEX DS 102

Impact sound reduction mat

- Improves impact sound insulation in multi-layer parquet flooring (10 mm) by up to 19 dB
- Reduces tension and bridges cracks
- Low construction height of approx. 2 mm
- Suitable for direct bonding to parquet flooring
- Can also be laid floating



Area of application

Indoor. Floor.

Suitable for old and new buildings. The decoupling function reduces tension between the substrate and the parquet flooring. ARDEX DS 102 impact sound reduction mat provides corresponding footfall noise improvement and is suitable for use under the following parquet floors:

- Mosaic parquet (cube) according to ÖNORM EN 13488
- On-edge lamella parquet according to ÖNORM EN 14761
- Strip parquet according to ÖNORM EN 13226
- Multi-layer parquet according to ÖNORM EN 13489
- Wood paving RE / WE according to ÖNORM EN 68702
- Solid wood floorboards (oak, max. 16 cm wide) in accordance with ÖNORM EN 13266 and ÖNORM EN 13990
- Laminate
- LVT's multi-layer, modular

Art

Permanently elastic material made from cork and PU foam granulate.

Preparation of the surface

The substrate must meet the requirements of ÖNORM B 5236 Planning and execution of floor covering and wood flooring work.

In particular, it must be level, permanently dry, solid, load-bearing, free of release agents and resistant to tensile and compressive forces, or must be prepared accordingly.

Calcium sulphate self-levelling screeds must be prepared in accordance with the planning and execution guidelines for self-levelling screeds.

To compensate for unevenness in the substrate, the levelling work is carried out with suitable ARDEX levelling compounds in combination with ARDEX primers.

Processing

Bonding the ARDEX DS 102 impact sound reduction mat:

Bond the impact sound insulation mat to the appropriately prepared substrate using the same adhesive used for bonding the parquet, ensuring that the joints are tightly butted and perpendicular to the direction of the parquet flooring.

Apply the adhesive with a notched trowel TKB A2, B1 or B2 (parquet flooring). Insert ARDEX DS 102 after the appropriate flash-off time and thoroughly rub in.

After approx. 20 minutes, roll with a multi-section roller (min. 50 kg).

The parquet or laminate flooring can be bonded the next day after the adhesive has set.

Bonding the top layer:

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Laminate and parquet floors are bonded directly to the impact sound insulation mat without levelling compound, provided that they are approved for bonding by the manufacturer.

Floating installation:

The ARDEX DS 102 impact sound reduction mat is also suitable for the floating installation of suitable laminate and parquet floors and for LVTs.

Bonding the wooden floor:

The following coverings are suitable for bonding to the ARDEX DS 102 impact sound reduction mat:

Mosaic, upright lamella,	ARDEX AF 480
Strip parquet:	ARDEX AF 485
Solid wood floorboards:	ARDEX AF 480
	ARDEX AF 485
Wooden paving RE/WE	ARDEX AF 495
	ARDEX AF 460
Multi-layer parquet	ARDEX AF 480
	ARDEX AF 485
Laminate (approved by the manufacturer)	ARDEX AF 495

The impact sound reduction index (according to EN ISO 140-8) is up to 19 dB for bonded parquet flooring (10 mm).

Please note

When installing ARDEX DS 102 impact sound reduction mat, any movement and construction joints in the substrate must be made flush with the substrate.

The temperature of the substrate when bonding parquet should not be below +15°C. Furthermore, the relative humidity should be between 40% and 65% (maximum 75%).

All installation materials should be allowed to acclimatise in a heated room in good time in cold weather.

After bonding mosaic and upright lamella parquet as well as solid wood floorboards, we recommend using suitable oils or waxes for surface treatment.

If using varnishes, check that they are suitable for parquet bonding on an elastic impact sound insulation mat.

Do not use on damp surfaces, outdoors or in permanently wet areas.

Note

The information in our safety data sheets must be observed. For commercial use only!

Zusatzinformation

Handle with care during processing: avoid dust formation and release into the environment.

Dispose of the container and its contents in a sealed state in accordance with applicable local/regional/national/international regulations.

Technical data according to ARDEX quality standard

Colour	Brown / black
Web thickness approx.	2 mm
Resistance to temperature	-20°C to +60°C
Impact sound reduction index (according to DIN EN ISO 140-8)	19 dB
Thermal resistance	0.03 m ² K/W
Thermal conductivity	0.06 W/mK
Weight	1.05 kg/m ²

Product details

Suitable for underfloor heating	Yes
Fire class	(DIN EN 13501-1):Efl
EMICODE	EC 1 = very low emissions
Packaging	30 m ² roll
Storage	Can be stored in cool, dry rooms for approx. 12 months in the original sealed container. Store in an upright position.