



ARDEX DS 30

Decoupling plate

- Reduces tension and bridges cracks
- Allows safe installation on critical substrates
- Easy processing
- Low construction height of only 4.0 mm
- Suitable for heated screeds



Area of application

Indoor. Floor.

In old and new buildings, for renovations and refurbishments in residential and commercial areas, for loads up to 5 KN/m² (not for industrial use and not for traffic).

For decoupling installation of

- PVC flooring
- PVC design flooring
- CV coverings
- Linoleum
- textile floor coverings
- Solid and multi-layer parquet
- Tiles and slabs
- Natural stone and cast stone.

On substrates made of:

- Cement screed
- Calcium sulphate self-levelling screed
- Magnesite and wood wool screed
- Mastic asphalt screed
- Floor screed with underfloor heating
- Dry screed
- Wooden floorboards and chipboard
- old tiles and slab coverings
- old homogeneous PVC and parquet coverings.

Can be used in damp rooms with moisture exposure W1 to W3 according to ÖNORM B 3407 with ARDEX sealing compounds.

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Art

Synthetic resin-bonded fibreboard made from recycled polyester with high tear and compressive strength.

Preparation of the surface

The substrate must be dry, solid, load-bearing, free of release agents, torsion-resistant and level. Calcium sulphate self-levelling screeds must be sanded, vacuumed and, when laying tiles and slabs, primed with ARDEX P 51 Adhesive and Priming Dispersion or ARDEX P 52 Primer Concentrate, diluted 1:3 with water, in accordance with the planning and execution guidelines for self-levelling screeds 1 : 3 diluted with water. Prime dry screeds with ARDEX P 51 or ARDEX P 52 as well.

Tile and slab coverings and substrates with old adhesive residues can be primed with ARDEX P 4 READY. Water-soluble levelling compound and adhesive residues (e.g. containing sulphite lye) must be completely removed.

When bonding ARDEX DS 30 with ARDEX SMP adhesives, e.g. ARDEX AF 460 Ready-to-Use Parquet Adhesive/ARDEX AF 480 Rigid Parquet Adhesive/ARDEX AF 485 Shear-Resistant Parquet Adhesive/ARDEX AF 180 SMP adhesive for elastic floor coverings, calcium sulphate self-levelling screeds must be sanded and vacuumed as required in accordance with the planning and execution guidelines for self-levelling screeds and can be primed with ARDEX PU 30 1-K PU primer. Furthermore, no dispersion primers should be used when bonding with SMP adhesives.

Wooden floorboards must be screwed down if necessary and primed with ARDEX P 21 Filling Primer if required!

It must be ensured that the ARDEX DS 30 boards are in full contact at every point. Uneven substrates must be levelled with ARDEX levelling compounds before installation.

Manufacturer with certified
QM/UM system according to
EN ISO 9001/14001

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Cracks up to 1 mm wide can be bridged if height differences can be ruled out.

Processing

To prevent sound bridges to adjacent walls and built-in components, use ARDEX TP 50 edge insulating strips.

Lay the boards loosely in a half bond. Cutting can be carried out using a trapezoid knife, circular saw or jigsaw, or with a diamond-tipped cutting disc (angle grinder).

Laying parquet flooring and elastic and textile coverings:

Remove the boards from the surface and bond them with ARDEX AF 460/ARDEX AF 480/ARDEX AF 485 using a TKB B 5, B 11 or B 13 notch within approx. 10 - 20 minutes and rub or roll into place. Ensure that the back of the panels is sufficiently wetted.

Parquet flooring can be laid the next day, e.g. with ARDEX AF 460/ARDEX AF 480. To prevent sound bridges, seal the joints between the boards with ARDEX CA 20 P SMP assembly adhesive.

For laying elastic and textile coverings, prime the ARDEX DS 30 boards with ARDEX P 52 primer concentrate, undiluted, or ARDEX P 4 READY multifunctional primer and apply a layer at least 2 mm thick. A primer is not necessary for levelling compound layers of 3 mm or more. ARDEX K 22 F calcium sulphate levelling compound, fibre-reinforced, or ARDEX K 39 reactivating floor levelling compound are ideal for levelling. ARDEX floor adhesives are suitable for laying floor coverings.

The impact sound reduction index (according to EN ISO 140-8) is up to 13 dB for bonded parquet flooring (10 mm).

Laying tiles and slabs:

Remove panels from the surface and apply ARDEX N 23 W NEW natural stone and tile adhesive, white, or ARDEX X 32 flexible laying mortar with aC1 notched trowel (4 mm block notching) and immediately lay the ARDEX DS 30 panels into the fresh adhesive bed within the 10-20 minute working time and tap them into place over the entire surface with a float or smoothing trowel.

The bonded ARDEX DS 30 boards can be walked on after approx. 30 minutes on absorbent substrates and after approx. 60 minutes on non-absorbent substrates. ARDEX X 77 MICROTEC Flex adhesive and ARDEX X 78 MICROTEC Flex adhesive are suitable for laying tiles and slabs. Lay moisture-sensitive natural stone panels with ARDEX N 23 W NEW MICROTEC natural stone and tile adhesive, white, or ARDEX X 32 flexible laying mortar. Ensure that the coverings are completely embedded.

The coverings should be $\geq 10 \times 10$ cm in size and have a minimum breaking strength of 1,500 N. Stoneware tiles must be at least 8 mm thick and natural stone at least 10 mm thick.

Use flexible joints from the ARDEX product range for grouting.

The impact sound reduction index (according to EN ISO 140-8) is up to 8 dB for bonded tiles and slabs.

Please note

Not suitable for laying wooden paving.

Any necessary composite sealing must always be carried out with ARDEX waterproofing products on ARDEX DS 30 boards.

Movement and construction joints in the substrate must be made flush with each other when installing ARDEX DS 30 boards.

Load up to 5 kN/m² (not for industrial use or traffic).

Do not use outdoors or in permanently wet areas.

In case of doubt, carry out test bonding.

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	Light green			
Plate format	Surface area 0.6 m ²	Length 1000 mm	Width 600 mm	Height 4 mm
Thermal resistance	0.04 m ² K/W			
Thermal conductivity	0.11 W/mK			
Weight	3.8 kg/m ²			

Product details

Suitable for underfloor heating	Yes
Fire class	(DIN EN 13501-1):Efl
EMICODE	EC 1 PLUS = very low emissions PLUS
Packaging	Box: 15 panels = 9 m ²



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Storage

Can be stored for approx. 3 years in dry rooms.
