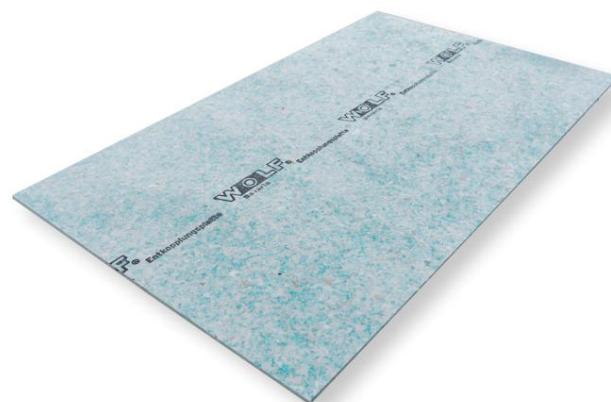




Technical data

Wolf decoupling plate

- easy to edit and lay
- very low emissions
- for indoors
- relieving tension
- break-resistant
- rot-proof



Product description:

The Wolf decoupling plate is a decoupling underlay for all types of surface coverings such as ceramics, natural stone, parquet and, after filling, also suitable for carpets and plastic coverings. This panel can be used, for example, on glued PhoneStar sound insulation panels, PowerFloor elements, screeds, filled concrete surfaces and old hard coverings. Their high compressive strength allows them to be used under traffic loads of up to 5.0 kN/m², i.e. in residential and commercial spaces. Due to the low heat transfer resistance, the Wolf decoupling plate can be installed on hot water underfloor heating systems such as PowerFloor, especially where there is little pipe coverage.

The decoupling effect is based on the reduction of shear stresses from the cracked subsoil or a subsoil with disruptive movement joints through plastic deformation within the slab.

Technical data:

The Wolf decoupling board is a 4 mm thick polyester fiber board with high tear resistance and compressive strength and can be laid in conjunction with Wolf 1K parquet adhesive and provided with all types of top coverings.

Characteristics	Values and tolerances
Layer thickness	4mm ± 0.5mm
Format	1000x600mm ± 1.0mm
Weight per unit area	3.2kg/m ² ± 5%
Compressive strength (DIN 53456)	15N/mm ²
Bending Strength (DIN 53453)	4N/mm ²
Tear resistance (DIN 53457)	6.0N/mm ²
Traffic load capacity (DIN 1055) Thermal	5.0 kN/m ²
Conductivity	$\lambda = 0.11 \text{ W/mK}$
Thermal resistance	$R = 0.04 \text{ m}^2\text{K/W}$
Fire behavior according to DIN EN 13501-1	E(fl)
Scope of application	Inside

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We guarantee the consistent quality of our products, but reserve the right to make technical changes and further developments. The information on this leaflet is based on practical and scientific experience and corresponds to the manufacturer's information. Since we have no influence on the variety of materials or their processing, we cannot guarantee properties in the sense of the latest BGH case law. This information is non-binding and does not exempt you from sufficient self-checks.

Technical data

Wolf decoupling plate

Processing

The Wolf decoupling panels are glued to the substrate. The panels are laid in a half bond. A sufficient edge distance must be maintained from all rising components such as supports and walls. To avoid sound bridges and restraints, it is recommended to provide an edge insulation strip.

The panels can be cut with a good cutter knife, with a circular or jigsaw or with a diamond-tipped cutting disc for the angle grinder.

Substrate: The subsurface must be load-bearing (payload > 1.0 kN/m² DIN 1055) and flat in accordance with DIN 18202 Table 3 Line 3.

Bonding: Bonding to Wolf PhoneStar sound insulation panels and Wolf PowerFloor elements is done with Wolf 1K PUR parquet adhesive - notch TKB B3 or B6. Furthermore, the corresponding processing instructions for PhoneStar and PowerFloor must be observed when gluing.

Cover with top coverings:

Ceramics, natural stone and parquet can be laid directly onto the Wolf decoupling panels using all conventional and plastic-coated laying materials. Tiles must have a minimum size of 200 cm², natural stone a minimum thickness of 10 mm.

In damp and wet areas, a composite seal is applied in accordance with the recommendations of the ZDB leaflet on seals in conjunction with the top covering.

Before laying carpets and plastic coverings such as linoleum, PVC or CV, it is recommended to fill the Wolf decoupling panels to create a surface free of butt joints. A cement-bound, plastic-modified filler can be applied directly to the Wolf decoupling panels. The readiness for covering depends on the drying time of the filler, which depends on the climate at the property; it is not negatively affected by the plate.

Occupational safety

If Wolf decoupling panels are installed correctly, no special protective measures are required.

Disposal

Dispose of product residues as construction site waste (waste code 170701).