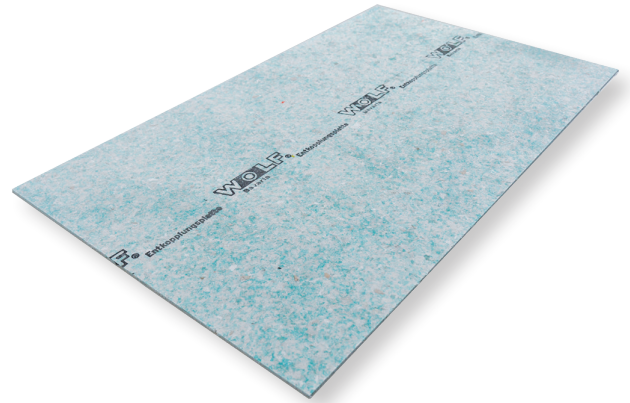


## Technical data

### Wolf decoupling board

- easy to process and lay
- very low emissions
- for indoors
- tension-relieving
- break-resistant
- unable to rot



#### Product description:

The Wolf decoupling board is a decoupling underlay for all types of surface coverings such as ceramic, natural stone, parquet and, after levelling, is also suitable for carpets and synthetic flooring. This board can be used, for example, on bonded PhoneStar sound insulation boards, PowerFloor elements, screeds, levelled concrete surfaces and old hard coverings. Its high compressive strength allows it to be used under live loads of up to 5.0 kN/m<sup>2</sup>, i.e. in residential and commercial premises. Due to its low thermal resistance, the Wolf decoupling panel can be laid on hot water underfloor heating systems such as PowerFloor, especially with low pipe overlaps. The decoupling effect is based on the reduction of Shear loadings from the cracked substrate or a substrate with interfering expansion joints through plastic deformation within the panel.

#### Technical data:

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

Properties	Values and tolerances
Layer thickness	4 mm ± 0,5 mm
Size	1000 x 600 mm ± 1,0 mm
Grammage	3,2 kg/m <sup>2</sup> ± 5%
Compressive strength (DIN 53456)	15 N/mm <sup>2</sup>
Flexural strength (DIN 53453)	4 N/mm <sup>2</sup>
Tear resistance (DIN 53457)	6,0 N/mm <sup>2</sup>
Traffic load pick-up (DIN 1055)	5,0 kN/m <sup>2</sup>
Thermal conductivity	λ = 0,11 W/mK
Thermal resistance	R = 0,04 m <sup>2</sup> K/W
Fire behaviour according to DIN EN 13501-1	E(fl)
Area of application	Interior

## Technical data

### Wolf decoupling board

#### Processing

The Wolf decoupling boards are bonded to the substrate. The panels are laid in a half bond. A sufficient edge distance must be maintained to all rising components such as supports and walls. To avoid sound bridges and restraints, it is advisable to provide an perimeter insulation strip. The boards can be cut with a good cutter knife, circular saw or jigsaw or with a diamond-tipped cutting disc for the angle grinder.

Substrate: The substrate must be load-bearing (service load > 1.0 kN/m<sup>2</sup> DIN 1055) and level in accordance with DIN 18202 Table 3 Line 3.

Bonding: Bonding to Wolf PhoneStar sound insulation boards and Wolf PowerFloor elements is carried out using Wolf 1K parquet adhesive - TKB B3 or B6 toothing. The corresponding processing instructions must also be observed when bonding.

#### Covering with surface coverings:

Ceramic, natural stone and parquet can be laid directly on the Wolf decoupling panels using all conventional and plastic-modified laying materials; tiles must have a minimum size of 200 cm<sup>2</sup>, natural stone a minimum thickness of 10 mm.

In damp and wet areas, a bonded waterproofing is applied in accordance with the recommendations of the ZDB data sheet on waterproofing in combination with the surface covering. Before laying carpets and synthetic coverings such as linoleum, PVC or CV, it is recommended that the Wolf decoupling panels are levelled to create a substrate free of butt joints. A cement-bound, plastic-modified levelling compound can be applied directly to the Wolf decoupling panels. The readiness for covering depends on the drying time of the levelling compound, which is dependent on the climate on site; it is not negatively influenced by the board.

#### Occupational safety

No special protective measures are required for the correct installation of Wolf decoupling panels.

#### Waste disposal

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