

Technical data – wall

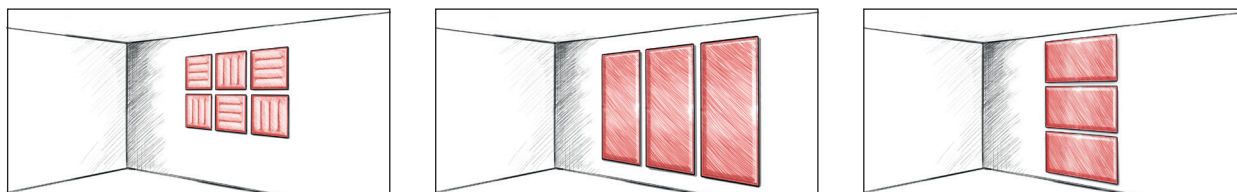
WOOPIES – acoustic panels made of swisswool

Article wall panel (W1)

Trade name: WOOPIES
Manufacturer: Baur Vliesstoffe GmbH, Schulfeldstrasse 4, D-91550 Dinkelsbuehl-Sinbronn, Germany
 Tel.: + 49 (0) 9851/30 41
www.woopies.com

WOOPIES are acoustic panels – made in Germany – consisting principally of Swiss virgin wool. Whether used as elements on walls or ceilings, as room dividers or desk attachments – they prevent intrusive sound propagation in rooms, thus creating greater speech intelligibility. Unlike synthetic materials, a natural product such as Swiss wool has significant advantages, not only in the acoustic area.

Attachment



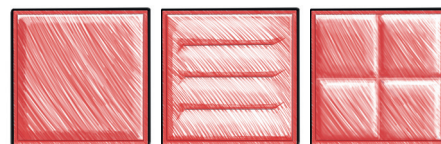
Installation types

WOOPIES are fastened to the wall, either directly or with a space. Pre-assembled magnets are used as fastening materials. The quantity of fastening points depends on the panel size. Installation accessories are included free of charge with the delivery; spacer bushes and absorber plates are optionally available at additional cost. Additional installation options for the ceiling installation can be requested from the manufacturer.

Dimensions & sound absorption

| Wall panel | | | | | | | | | |
|---|----|-----------|------------|-------------|-------------|-------------|-------------|------------|------------|
| Dimensions | mm | 600 x 600 | 600 x 1200 | 1000 x 1000 | 1000 x 2000 | 1000 x 2400 | 1200 x 1600 | 1600 x 300 | 1600 x 500 |
| Weight | kg | 1.2 | 2.3 | 4.8 | 10.3 | 12.5 | 10.2 | 1.6 | 3.8 |
| Thickness | mm | 27 | 27 | 43 | 43 | 43 | 43 | 27 | 27 |
| Fastening points | | 4 | 6 | 8 | 9 | 9 | 9 | 3 | 6 |
| Degree of sound absorption Alpha W to DIN EN ISO 354: 2003-12 * | | | | | | | | | |
| Installation | | | | | | | | | |
| Without space (direct) | Hz | 0.45 | 0.45 | 0.80 | 0.80 | 0.80 | 0.80 | 0.45 | 0.45 |
| Space + Absorber | Hz | 0.80 | 0.80 | 1.00 | 1.00 | 1.00 | 1.00 | 0.80 | 0.80 |

* Further certified test results are available from the manufacturer or at www.woopies.com; arithmetical derivation of the equivalent sound absorption surface (A Obj.) available from manufacturer on request



Material composition

Back: 50% PES / 50% virgin wool (25%–35% recycled material from our own production)

Absorber core: 50% PES / 50% virgin wool (25%–35% recycled material from our own production)

Surface: 100% virgin wool (loden)

Behaviour in fire

Fire behaviour tested to EN ISO 11925-2. According to classification standard EN 13501-1, the panels comply with Euroclass E. The result corresponds to class B2, normal flammability, according to DIN 4102.

No flaming debris and/or droplets are apparent.

Further explanations are available on request.

Light fastness

The manufacturer has assessed the loden as having light fastness of 5 – 6.

Cleaning and care

No special cleaning measures are required.

Special features

All WOOPIES elements are impact resistant and pinnable. In order not to damage the loden fabric, we recommend pinning with dressmaker's pins.

Magnet

Magnet

| | |
|---------------------------------|--|
| Material: NdFeB | Coating: Nickel plated (Ni-Cu-Ni) |
| Adhesion: approx. 8.3 kg | Magnetisation: N42 |
| Diameter: 25 mm | Weight: 19 g |
| Height: 5 mm | |
| Tolerance: +/- 0.1 mm | |

Magnetic discs

| | |
|-------------------------------|-----------------------------|
| Diameter: 42 mm | Coating: Nickel (Ni) |
| Thickness: 3.0 mm | Weight: 31 g |
| Drill hole d1: 5.7 mm | |
| Drill hole d2: 11.7 mm | |