

Technical data – wall

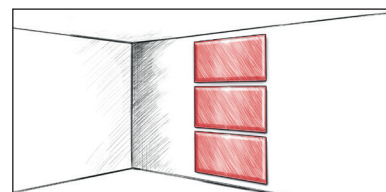
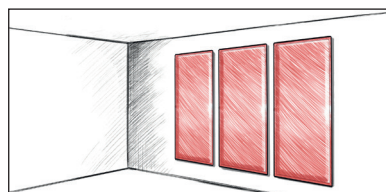
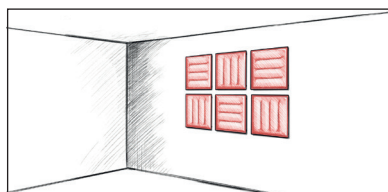
WOOPIES – acoustic panels made of swisswool

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 attachment options using magnets on the ceiling are available on request 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 4-5.

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.

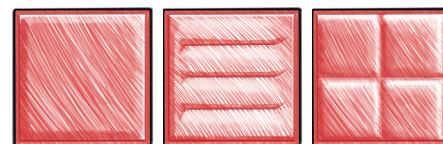
Magnet

Magnet

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



Technical data – ceiling

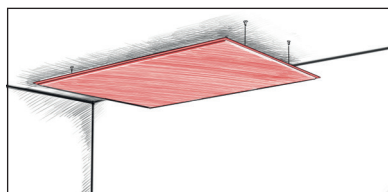
WOOPIES – acoustic panels made of swisswool

Article: Ceiling sail (W2)

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



Installation types

WOOPIES ceiling sail panels are suspended from the ceiling using four fastening points with a height-adjustable cable system (max. 300cm). The manufacturer equips the panel with riveting nuts pre-assembled for the cable reel.

Dimensions & sound absorption

Ceiling sail panel				
Dimensions	mm	1000 x 1000	1000 x 2000	1200 x 1600
Weight	kg	4.8	10.3	10.2
Thickness	mm	43	43	43
Suspension points		4	4	4
Degree of sound absorption Alpha W to DIN EN ISO 354: 2003-12				
Installation, suspension height 200 mm				
Suspended from the ceiling	Hz	0.95	0.95	0.95

* 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

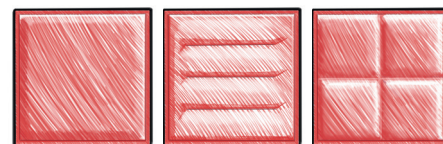
The manufacturer has assessed the loden as having light fastness of 5-6.

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.



Technical data – space

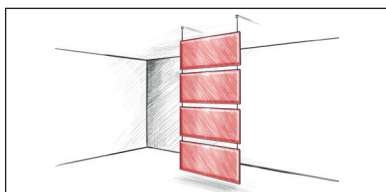
WOPIES – acoustic panels made of swisswool

Article: Suspended room divider (W7)

Trade name: WOPIES
Manufacturer: Baur Vliesstoffe GmbH, Schulfeldstrasse 4, D-91550 Dinkelsbuehl-Sinbronn, Germany
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Attachment



Installation types

When used as a suspended room divider, WOPIES are suspended from two fastening points on the ceiling using height-adjustable wire-cable systems. The height of the attached panels and the space between each of them on each room divider can be smoothly and individually adjusted.

Dimensions & sound absorption

Suspended room dividers

Dimensions	mm	1200 x 600	1600 x 300	1600 x 500
Weight	kg	4.2	4.6	6.2
Thickness	mm	53	53	53
Suspension points		2	2	2

Equivalent sound absorption surface (A Obj) of a test object (m²) to DIN EN ISO 11654

Installation								
Suspended from the ceiling	Hz	125	250	500	1000	2000	4000	
	A Obj (m²)	0.2	0.5	1.00	1.4	1.6	1.6	

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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

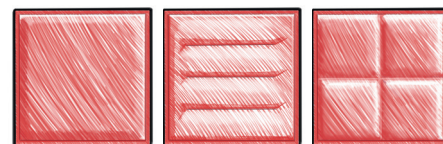
The manufacturer has assessed the loden as having light fastness of 4-5.

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.



Technical data – desk

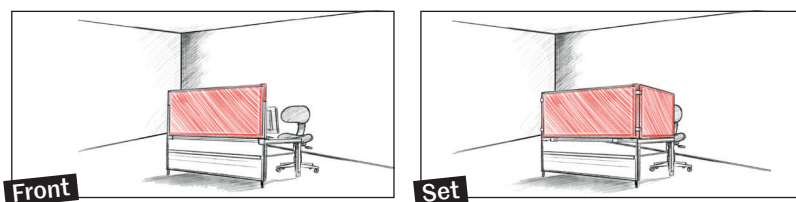
WOOPIES – acoustic panels made of swisswool

Article: Desk attachment (W5)

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

When used as a desk attachment, WOOPIES are fastened to the front at two points on the table and at one point on each side. The attachments are fastened to the desk using screwed-on brackets; corner connectors provide appropriate stability.

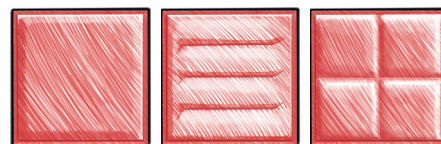
Dimensions & sound absorption

Desk attachment							
Dimensions	mm	1600 x 500	1800 x 500	1530 x 500	1730 x 500	765 x 500	865 x 500
Weight	kg	7.6	10.1	7.2	9.6	4.0	4.4
Thickness	mm	53	53	53	53	53	53
Installation point		2	2	2	2	1	1

Equivalent sound absorption surface (A Obj) of a test object (m²) to DIN EN ISO 11654

Installation							
Fastened to desk	Hz	125	250	500	1000	2000	4000
	A Obj (m²)	0.4	0.7	1.20	1.6	1.5	1.6

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Material composition

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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 4-5.

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.

Desk attachment brackets and corner connectors

Desk attachment brackets (desk top up to 30mm)

Dimensions: 102x60x5mm, 2x 90° edges

Material: S355MC (steel)

Colour: RAL 9006, matt

Desk attachment brackets (desk top up to 45mm)

Dimensions: 117x60x5mm, 2x 90° edges

Material: S355MC (steel)

Colour: RAL 9006, matt

Corner connector

Dimensions: 35 x 35 mm, 90°

Material: Zinc

Colour: RAL 9006, matt