



Power Protect P 25 / P 40 [eco]

Insulating board for environmentally sustainable mould control



www.bauer-engel.de/t/132

Type/Name	Dimensions (length x breadth)	Availability	
		Quantity per pallet	160
			108
		Size / Quantity	10 boards = 7.20 m²
			6 boards = 4.32 m²
		Type of container	Package
		Container code	01
		Art. no.	
Power Protect P 25 [eco]	1200 mm x 600 mm (± 2 mm), thickness 25 mm (± 1 mm)	0262	■
Power Protect P 40 [eco]	1200 mm x 600 mm (± 2 mm), thickness 40 mm (± 1 mm)	0263	■

Application rate

Approx. 1.4 boards /m²



Range of use



- Mould control and prevention in existing buildings
- Implementation of the hygienic minimum heat insulation level in existing buildings
- Improving the room climate by increasing the wall surface temperature

Property profile

- Protects health and the environment, awarded the German Blue Angel
- Water vapour permeable
- Capillary-active
- Thermally insulating, lambda 0.05 W/(m·K)
- Mould-inhibiting
- Euroclass B-s1, d0
- Low construction height
- Easy to apply

Characteristic data of the product

Dry density	Approx. 152 kg/m ³
Porosity	≤ 94 vol. %
W ₉₀	0.0047 m ³ /m ³
W _{sat}	0.9427 m ³ /m ³
Thermal conductivity λ dry	0.05 W/(m·K)
Aw value / water absorption coefficient	41.82 kg/(m ² h ^{0.5})
Water vapour diffusion resistance μ	6.1
Reaction to fire	B-s1, d0

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates

- Mould resistance test



Additional information

➤ [FAQ-Power-Protect](#)

Possible system products

- [Power Protect W 30 ^{\[eco\]} \(0264\)](#)
- [Power Protect R 15 ^{\[eco\]} \(0265\)](#)
- [PP Fix \(0260\)](#)
- [Tex 4/100 \(3880\)](#)
- [SL Fill Q4 \(0210\)](#)
- [Color SL \(0237\)](#)
- [SP Levell \(0401\)](#)
- [Spore Binder \(2990\)](#)
- [Clean SF \(0693\)](#)
- [Kompriband 15/5-10 \(4272\)](#)
- [Partition Wall Strips \(4258\)](#)

Preparation

■ **Substrate requirements**

The substrate must be clean and capable of bearing a load.
The substrate must be level.

■ **Substrate preparation**

Level off and even out highly uneven substrates – use SP Level to close up joints and even out surfaces.

Directions



■ **Conditions for use**

Temperature of the material, air and substrate: from min. +5 °C to max. +30 °C.

Apply the material vertically to the substrate with a toothed smoothing trowel.
Press on the board, beginning at the bottom.
A full-surface bonding is to be achieved.
If necessary, use PP Fix to level out any unevenness < 8 mm in the substrate.

Tips on use

Mark the desired dimensions on the board.
Cut with a cutter knife or keyhole saw.
Rework the cut edges with a rasp or file if necessary.
Place the boards, starting at the bottom.
Avoid cross joints.
Make sure that the board surface is aligned correctly (the label "front side" must be visible after application).

Notes

Typical inherent odour after installation, while the finishing plaster is drying.
Current regulations and legal requirements must be taken into account and deviations from these must be agreed separately.
The relevant test certificates must be observed when planning and carrying out work.

Tools / Cleaning

Remmers tools

- [Mischgefäß \(4030\)](#)
- [Putz- und Glättspachtel XXL Coating knife \(4437\)](#)
- [Gloria Drucksprüher Pro 100 \(4668\)](#)
- [Gloria CleanMaster PERFORMANCE PF 50 \(4666\)](#)
- [Gloria CleanMaster EXTREME EX 100 \(4665\)](#)
- [Collomix® Stirrer KR \(4292\)](#)

Storage / Shelf life

Unlimited if stored in frost-free conditions.



Disposal

The product must be disposed of in accordance with the official regulations.

Declaration of performance

➤ [Declaration of performance](#)



Declaration of conformity



Remmers GmbH

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0262 – 0263

Thermal insulation material for buildings

Reaction to fire:	Fire resistance class B-s1, d0
Nominal value of resistance to heat transmission:	Nominal thickness d_N 25 mm = R_D 0.50 Nominal thickness d_N 40 mm = R_D 0.80
Nominal value of thermal conductivity:	$\lambda_D = 0.050$ W/m•K
Compressive strength/stress:	CS(10\Y)200
Tensile strength perpendicular to the panel plane:	TR

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

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