

CS Antidröhnplatten

Sound-deadening panels

:: CHARACTERISTIC

The sound-deadening panels are self-adhesive damping foils. Due to its good flexibility at room temperature, the film adapts easily to bulges. The glue of the film is solvent-free and the adhesive side is protected by a cover material.

:: APPLICATION

The sound-deadening panels are used for deadening or structure-borne noise attenuation of thin-walled sheets and for the insulation of vibrations and noises. They are used in the construction of facade panels, aluminum window sills, ventilation ducts or in the vehicle, machinery and plant construction.

:: PRODUCT DATA

MATERIAL DATA

Black-bitumen

Dimensions:	25 x 50 cm
Gross weight:	approx. 0.4 kg
Colour:	black
Base:	polymer modified bitumen
Consistency:	fixed plate, flexible at room temperature
Density at 20°C:	approx. 1.75 g / cm ³ (± 0.05)
Thickness:	1.7 ± 0.2 mm
Basis weight:	approx. 2.8 kg / m ²
Max. Heat level:	80°C (at least 1 h vertical)
Permanent heat level:	65°C (at least 336 h vertical)
Cold resistance:	- 30°C (assembled)
Insulation:	≥ 0.07 (acoustic loss factor according to DIN 53440, 20°C, 200 Hz)
Fire characteristics:	FMVSS 302
Application temperature:	> 18°C
Storage stability:	12 months

Black structured

Dimensions:	50 x 50 cm
Gross weight:	approx. 0.9 kg
Colour:	black
Base:	polymer modified bitumen
Consistency:	fixed plate, flexible at room temperature
Density at 20°C:	approx. 1.85 g / cm ³ (± 0.05)
Thickness:	1.78 ± 0.18 mm
Basis weight:	approx. 3.6 kg / m ²
Max. Heat level:	70°C
Permanent heat level:	60°C
Cold resistance:	- 20°C ME 1313
Insulation:	8.8 dB
Fire characteristics:	MVSS 302
Application temperature:	> 18°C
Storage stability:	6 months

Black smooth

Dimensions:	50 x 50 cm
Gross weight:	approx. 0.95 kg
Colour:	black
Base:	elastomer, mineral fillers and polyurethane
Consistency:	fixed plate, flexible at room temperature
Density at 20°C:	approx. 1.85 g / cm ³ (± 0.05)
Thickness:	2.04 ± 0.20 mm
Basis weight:	approx. 3.7 kg / m ²
Max. Heat level:	80°C
Permanent heat level:	65°C
Cold resistance:	- 20°C
Insulation:	4.8 dB
Fire characteristics:	MVSS 302
Application temperature:	> 18°C
Storage stability:	6 months

:: HANDLING

The substrate must be firm, clean, dry, free from rust and grease. The adhesive effect can be reduced to freshly painted surfaces depending on the surface-active auxiliaries used in the paint. In such cases, we recommend to test the adhesive effect on freshly painted surfaces before the actual application.

After removing the cover material (paper or foil) the plate is pressed with the adhesive side to the substrate and rolled if possible with a roller. The optimum processing temperature is 20 - 25°C. A vertical or overhead - storage of the glued parts is only allowed after 1 hour at the earliest. As an aid, a hot air blower can be used.

:: NOTE

The product is sensitive to frost. Do not expose to direct weather. The storage temperature should be between 15°C and 25°C. Also protect from direct sunlight and heat. Shelf life is 6 - 12 months.

:: SAFETY ISSUES

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions. In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation, expect we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgement in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery terms and conditions and the latest Technical Data Sheet, which should be demanded, apply.

Directions for handling and waste disposal are in our Material Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry.

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