



Your acoustic solution with a system



SOUND-ABSORBING, HEAT-INSULATING, NON-COMBUSTIBLE ...

... and a powerful bonded system that is easy to install.

pinta PLANO A2 consists of willtec melamine resin foam with mineral impregnation. This impregnation ensures fire rating A2 (non-combustible) in compliance with DIN 4102. The non-combustible material is highly sound-absorbing and heat-insulating. The absorber system is environmentally friendly, highly resistant to aging and available in diverse panel formats and element thicknesses.

To avoid possible dusting of the mineral solids used for impregnation, the absorber is color-coated in special black or special gray. The uncoated pinta PLANO A2 absorber is inhomogeneously gray. Color coatings are only possible to a limited extent and after prior examination.

For fitting, pinta PLANO A2 can be cut to size with a sharp knife. It is then bonded with the pinta acoustic adhesive A2, which is a fire protection-tested system adhesive. During bonding, make sure that the absorbers are pressed on flatly and are straightened with a float. To achieve an optimum appearance, bonding with a shadow gap of up to 20 mm is recommended.



Product advantages

- _ Fire classification A2 (non-combustible) to DIN 4102
- _ Easy fitting using fire protection-tested system adhesive
- _ Environment-friendly, being free of synthetic and natural fibers, halogens and CFCs
- _ Extraordinarily good sound absorption
- _ Variable panel formats and element thicknesses possible
- _ High aging resistance

Colors

pinta PLANO A2 is available with the following standard color finish:

- _ special gray
- _ special black

Without a color finish, pinta PLANO A2 is inhomogeneously gray and is not suitable for visible installation. Finishes in other colors are only possible to a limited extent and require technical investigation.

Product data: PLANO A2

Characteristic	DIN	Value
Base material		Melamine resin foam with mineral impregnation
Colors		gray (inhomogeneous)
Color finish		special gray special black
Material density*	EN ISO 845	80 ($\pm 10\%$) kg/m ³
Fire rating	DIN 4102 DIN EN ISO 13501	A2 non-combustible
General test certificate issued by building authorities		P-NDS04-201
Length-specific flow resistance	DIN EN 29053	> 20 kNs/m ⁴
Long-term temperature stability		180 °C
Short-term temperature stability		220 °C
The foam may have pores of different sizes according to the texture.		

* Pursuant to EN ISO 845 determined with samples that have the following minimum dimensions: 250 x 250 x 250 mm.

Dimensions

- _ 595 x 595 mm (axis grid 600 x 600 mm)
- _ 620 x 620 mm (axis grid 625 x 625 mm)
- _ 1,250 x 625 mm

Material thickness

- _ 5, 10, 20 and 30 mm
- _ Please inquire about other dimensions.

See the technical data sheet for further information.

pinta PLANO A2



pintaacoustic



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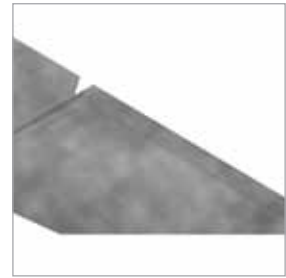
PERFECTLY SOUND ABSORBING, OIL AND WATER-REPELLENT ...

... and a powerful bonded system that is easy to install.

pinta PLANO H is willtec melamine foam with a hydrophobic impregnation. An environmentally friendly, lightweight, open-cell material that is highly resistant to aging, that is highly sound-absorbing, oil and water-repellent and insensitive to most cooling and drilling emulsions. Due to its water and oil-repellent properties, pinta PLANO H becomes inhomogeneously gray and color coating is not possible.

Thanks to its excellent properties, pinta PLANO H is suitable for use in pump stations, as an absorbing surface at shunting terminals or in areas with extreme spray mist formation. The dimensions and material thickness of pinta PLANO H can be adjusted to the needs of the place of use.

For fitting, pinta PLANO H can be cut to size with a sharp knife. It is then bonded with a fire protection-tested system adhesive. An optimum appearance is achieved by bonding with a shadow gap of up to 20 mm.



Product advantages

- _ Oil and water-repellent
- _ Insensitive to most cooling and drilling emulsions
- _ Easy fitting using fire protection-tested system adhesive
- _ Environment-friendly, being free of synthetic and natural fibers, halogens and CFCs
- _ Reduced transport and handling costs thanks to low weight
- _ Extraordinarily good sound absorption
- _ Variable panel formats and element thicknesses possible
- _ High aging resistance

Colors

The pinta PLANO H is available in the following color:

- _ PLANO H gray (inhomogeneous)
- _ Color coating is impossible for pinta PLANO H.

Material thickness

- _ 20, 30, 40 and 50 mm
- _ Please inquire about other thicknesses.

Dimensions

- _ 1,250 x 625 mm
- _ Please inquire about other dimensions.

Product data: PLANO H

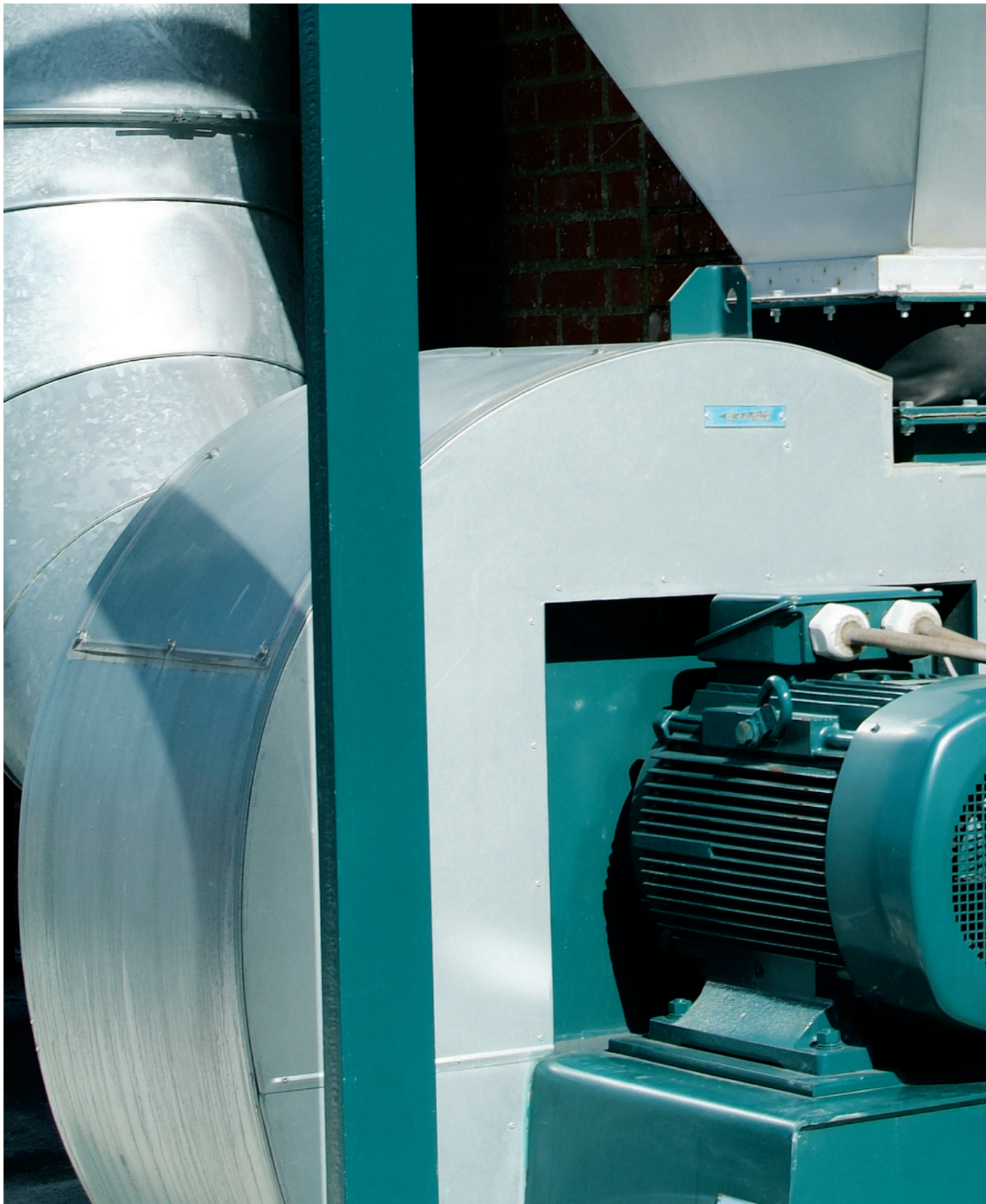
Characteristic	DIN	Value
Base material		Melamine resin foam
Color		gray (inhomogeneous)
Material density*	EN ISO 845	$9.5 \pm 1.5 \text{ kg/m}^3$
Fire rating	DIN 4102	B1 (flame-retardant)
General test certificate issued by building authorities		P-NDS04-197
Thermal conductivity (d = 50 mm)	DIN 52 612	$\lambda_{10,15} < 0.035 \text{ W/mK}$
Sound absorption coefficient (d = 50 mm; 2,000 Hz)	DIN 52 215	> 90 %
Tensile strength	DIN EN ISO 179	120 to 180 kPa
Elongation at break	DIN EN ISO 1798	15 to 29 %
Compression hardness	ISO 3386-1	6 to 11 kPa
Diffusion resistance coefficient	DIN 52615	approx. 1 to 2
Length-specific flow resistance	DIN EN 29053	8 to 20 kNs/m ⁴
Long-term temperature stability		180 °C
Short-term temperature stability		220 °C

The foam may have pores of different sizes according to the texture.

* Pursuant to EN ISO 845 determined with samples that have the following minimum dimensions: 250 x 250 x 250 mm.

See the technical data sheet for further information.

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