

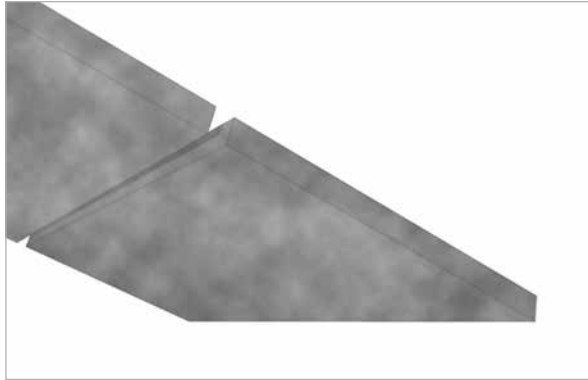


PLANO A2 uses willtec melamine resin foam with mineral impregnation. This non-flammable material is highly absorbent and heat-insulating.

>> **Please note**

- Call our telephone hotline for custom advice on your situation.

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Product advantages

- Building material class A2 (non-flammable) according to DIN 4102, European class C
- Environment-friendly, free from synthetic and natural mineral fibers, halogens and CFCs
- Exceptionally good sound absorption
- Variable panel sizes and thicknesses possible
- Durable

Colors

pinta PLANO A2 is available in the following standard color coating:



special gray



special black

Uncoated pinta PLANO A2 has variable coloration and is not suitable for visible applications. Color coating is possible only to a limited extent and requires previous inspection or technical examination.

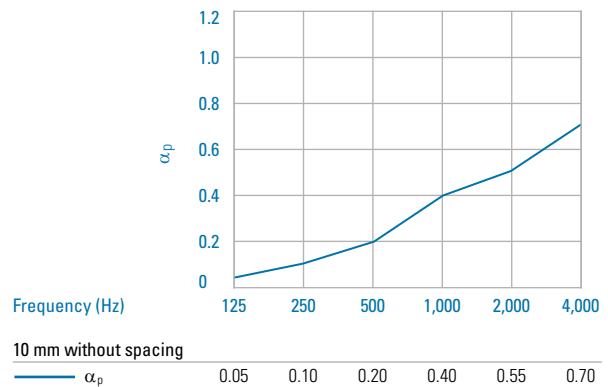
Dimensions

595 x 595 mm (center-to-center grid 600 x 600 mm)

620 x 620 mm (center-to-center grid 625 x 625 mm)

1,250 x 625 mm

Sound absorption coefficient α_p , PLANO A2, according to DIN EN ISO 11654



PLANO A2 product data

Characteristic	DIN	Value
Base material		Melamine resin foam
Colors*		white, gray
Color finish		special gray special black
Material density**	EN ISO 845	90 ($\pm 10\%$) kg/m ³
Building material class	DIN 4102	A2 (flame-retardant)
Fire rating	DIN EN ISO 13501-1	C-s2, d0 up to 80 mm
General test certificate issued by building authorities		P-MPA-E-13-512
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 size.***

* Color variation is possible.

** Oursuant to EN ISO 845 determined with samples having the following minimum dimensions: 250 x 250 x 250 mm.

*** As an upper limit, 10 pores per m² with a diameter in a range of > 5-15 mm may occur on cut surfaces.

Material thickness

5, 10, 20 and 30 mm

Other dimensions upon request.

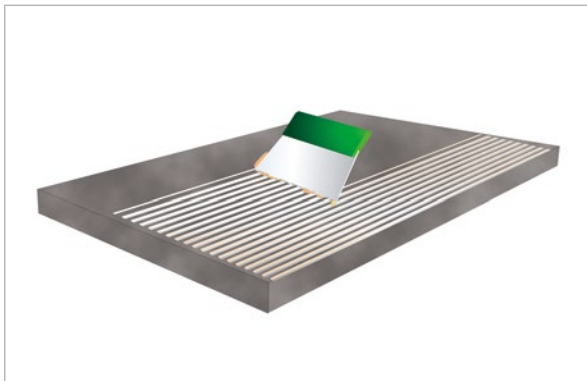
>> Please note

Product details are based on our current knowledge and experience. In view of the wide range of possible applications, all information is provided without obligation and does not constitute a guarantee of

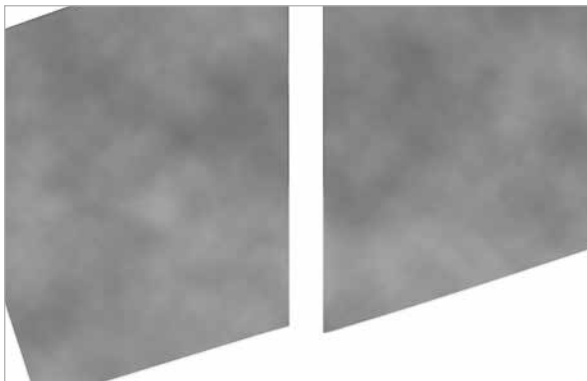
properties. This also applies to any proprietary rights of third parties. We reserve the right to make technical changes without notification.



Cut absorber to required size



Apply acoustic adhesive



Lay absorbers with a gap of at least 20 mm

Important information on material properties

During impregnation, necessary to meet the A2 fire requirements, mineral solids are deposited in the foam that may cause dust. The uncoated pinta PLANO A2 may feature residues of the mineral impregnation on the surface, which may only be bound by color coating (special black or special gray).

Since the uncoated material is variable light gray, color coating is possible only to a limited extent and requires technical proof.

The material is not suitable for optically demanding visible applications. For this, we recommend pinta phone-stop V with color coating or jointless.

Installation advice

The absorbers are pressed on flat, e.g. with a rubbing board (>500 N/m²) and aligned. If the absorber is not pressed on evenly, fingerprints may emerge on the surface. Furthermore, it is possible that the impregnation substance seeps through the color coating and emerges on the surface.

Gloves should be worn when installing pinta PLANO A2, to avoid getting dirt on the panels. The absorbers can be cut with a sharp knife. We recommend adhering the absorbers with a shadow gap of at least 20 mm, in order to achieve an optimum appearance. Use acoustic adhesive A2 for adhesion of pinta PLANO A2 elements.

>> FAQs about bonding with acoustic adhesive S

- Spacing between elements: at least 20 mm
- Acoustic adhesive A2 is ready for use
- Element adjustment time: 5 minutes
- Shelf life: 24 months in unopened original package
- Consumption: 1.5 to 2 kg/m² for whole-area adhesion
- Working temperature range: +5 up to +25 °C
- Packaging units: 15 kg drum

pinta acoustic adhesive A2

Field of application

Bonding of pinta absorbers (A2 products) to interior surfaces.

Characteristics

pinta acoustic adhesive A2 is ready to use and adheres immediately without support. Nevertheless, the installed absorbers can be moved within 5 minutes after laying.

Shelf life

At least 24 months if stored dry, at temperatures between +5 and +40 °C in unopened original packaging.

Lowest film formation temperature

Approx. +4 °C.

Working temperature range

Between approx. +5 °C and +25 °C. Generally, pinta acoustic adhesive A2 must not be exposed to sub-zero temperatures.

Surface

The substrates must be even, clean, dry, solid, stable and free of dust, oil and wax. In particular, wallpapers, rust and coats of paint must be removed. Surfaces with insufficient stability must be treated with a suitable primer. Uneven surfaces must be smoothed. pinta acoustic adhesive A2 adheres reliably to masonry, glass, glass foam, concrete, cement products, cement particle board, ceramics, clay minerals, rock wool, glass wool, aluminum, steel, stainless steel, galvanized steel as well as open-pore foams of various polymers. In general, bonding with pinta acoustic adhesive A2 is not recommended if the substrate is covered with a coat of paint

or the surface is glazed. Metal substrates must be free from surface treatment agents such as varnishes, powder coatings, wax, oil or paints.

Application

pinta acoustic adhesive A2 is applied directly from the drum. Adhesive splatter should be washed off with water when fresh. During and after bonding of pinta products, good ventilation is necessary for adhesive to adhere.

Consumption

1.5 to 2 kg/m² for whole-area adhesion.

Please note:

We recommend carrying out an adhesion test.

>> | Please note

We recommend carrying out an adhesion test, as the precise composition of the underlying surface must always be verified on site. Surfaces must be even, clean, dry, solid, stable and free of dust, oil and wax. In particular, wallpapers and coats of paint must be re-

moved. Surfaces with insufficient stability, e.g. loose plasters, must be undercoated using a commercially available primer thinned with water in a ratio of 1:1. Uneven surfaces must be smoothed.

Checkliste

Material

willtec A2: Soft foam on a melamine resin basis with mineral impregnation.

Building material class A2 according to DIN 4102 and DIN EN 13501.

General test certificate issued by building authorities:

P-MPA-E-13-512

Color

- light gray (uncoated)
- standard black finish
- standard gray finish

Dimensions:

- 595 x 595 mm (center-to-center grid 600 x 600 mm)
- 620 x 620 mm (center-to-center grid 625 x 625 mm)
- 1,250 x 625 mm
- special dimension: _____

Material thickness

- 5 mm
- 10 mm
- 20 mm
- 30 mm
- special thickness: _____

Adhesives

- pinta acoustic adhesive A2

Acoustic adhesive for non-flammable (A2) pinta products.

The information on substrates and processing instructions must be observed.

>> | Contact/Enquiries

Company stamp:

Quantity

m²

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