



Your acoustic solution with a system



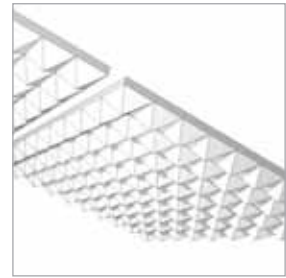
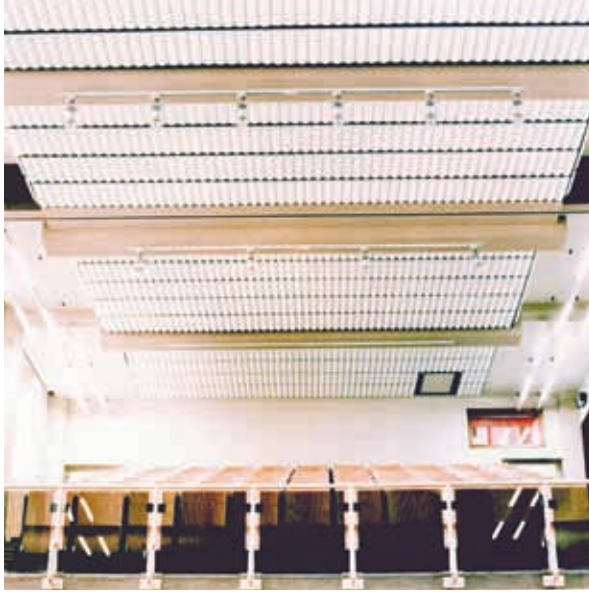
THE ROOM ACOUSTICS CLASSIC ...

... based on a powerful bonded system.

pinta PYRAMID is a highly effective sound absorption product. Its pyramidal structure enlarges the surface of PYRAMIDE to achieve even better sound absorption values in the medium to high frequency ranges. With this lightweight absorber, sound can be reduced in any room that has a high noise level, for example production halls or classrooms, at low cost and in a visually attractive way.

The lightweight, environmentally friendly absorber's starting basis is either willtec (fiber-free foam based on melamine resin) or a PU foam. pinta PYRAMID is available in various element thicknesses and, in addition to the standard colors, also with an individual color design.

For fitting, pinta PYRAMID 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.

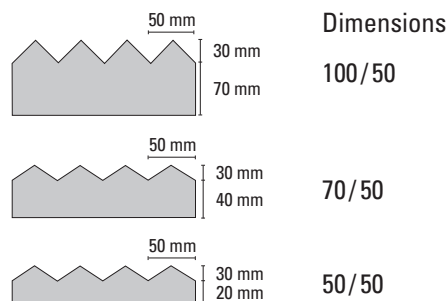


Product advantages

- Easy fitting using fire protection-tested system adhesives
- 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 thanks to the structured surface
- Individual color design possible
- Variable element thicknesses possible
- Special version made of PU foam available
- Optionally also possible in fire class A2 (willtec FM material)

Versions

Unilaterally structured as follows:



Product data: PYRAMIDE willtec

Characteristic	DIN	Value
Base material		Melamine resin foam
Material density*	EN ISO 845	9.5 ± 1.5 kg/m³
Fire rating	DIN 4102	B1 (flame-retardant)
General test certificate issued by building authorities		P-NDS04-291
Thermal conductivity (d = 50 mm)	DIN 52 612	$\lambda_{10,1r} < 0.035$ 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/m⁴
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.

Colors

The pinta PYRAMID is available in the following standard colors:

- willtec: white
- willtec: gray
- Please inquire about color coating.

See the technical data sheet for further information.

