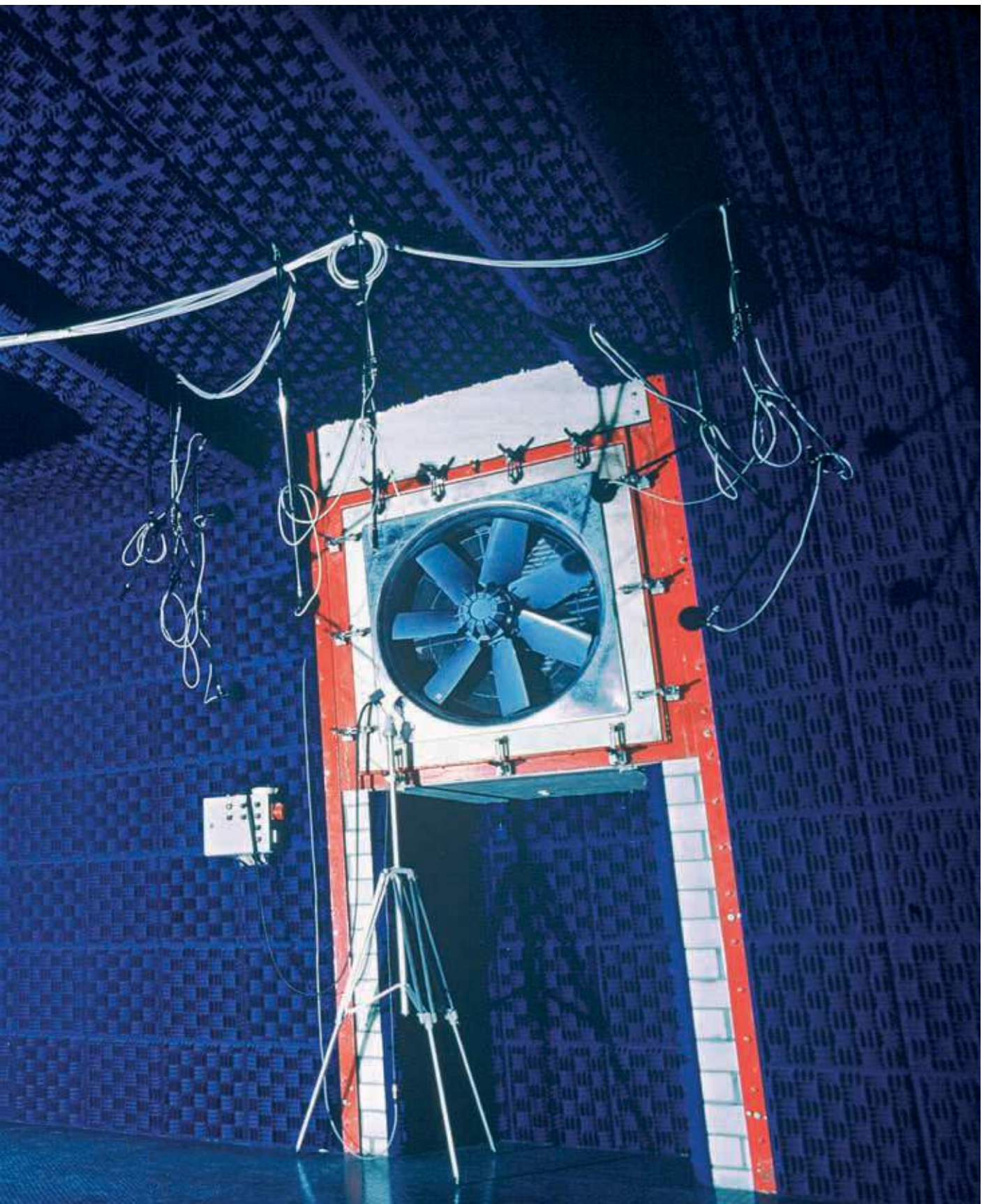
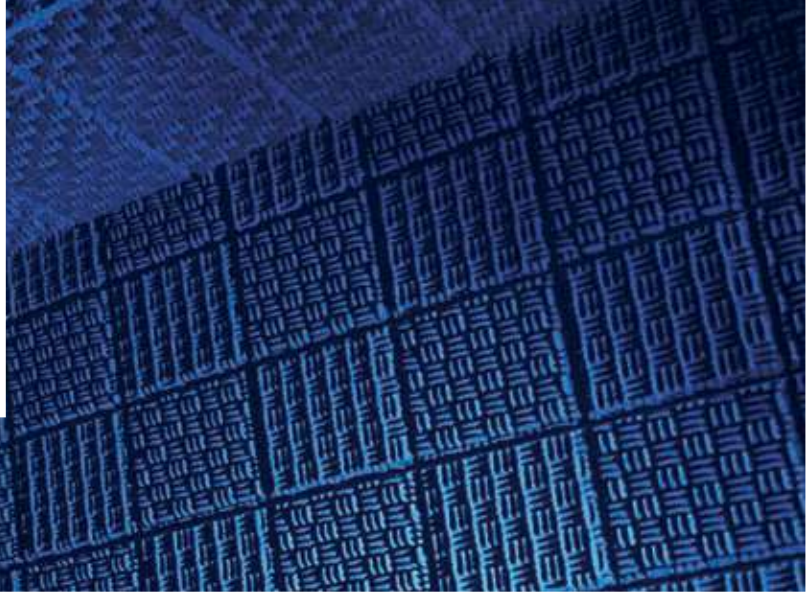




Your acoustic solution with a system



THE CORNERSTONE FOR ACOUSTIC ROOM OPTIMIZATION ...

... is a powerful bonding system.

Thanks to its profiling, pinta WAFFEL is an excellent absorber for the medium and high frequency ranges. Its advantages include massively damping characteristics of the environmentally friendly material, variable panel formats and the low weight of the element. The absorber's starting basis is either willtec (fiber-free foam based on melamine resin) or a PU foam. Depending on the version, the product range is supplemented by a large selection of color variation possibilities.

The bonded solution is suitable for all areas where low weight and low installation height are called for. Thanks to its structure, pinta WAFFEL lends an attractive look to fitted surfaces on ceilings and walls.

For fitting, the pinta WAFFEL absorber can be cut to size with a sharp knife. It is then bonded with a fire protection-tested system adhesive.

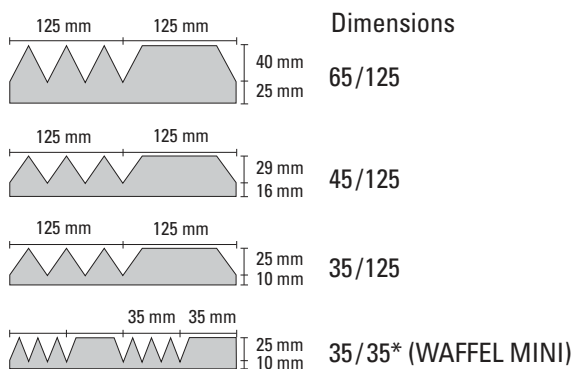


Product advantages

- 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 profiling
- Variable panel formats and element thicknesses possible
- Uniform visual impression of the fitted surface
- Special version made of PU foam possible

Versions

Unilaterally structured as follows:



* 35/35 has no edge trimming and is therefore only partly suitable for visible installation.

Product data: WAFFEL

Characteristic	DIN	Value
Base material		Melamine resin foam
Colors*		white, gray
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-NDS04-291
Thermal conductivity (d = 50 mm)	DIN 52 612	$\lambda_{10,17} < 0.035 \text{ W/mK}$
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

* Colors may deviate.

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

Dimensions

- 1,250 x 625 x 35 mm
- 1,250 x 625 x 45 mm
- 1,250 x 625 x 65 mm

See the technical data sheet for further information.

pinta WAFFEL



 **pinta**acoustic



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