



# apn<sup>®</sup> VINTA

Acoustic ceiling panels

## apn® Vinta Acoustic ceiling panels

**Floating calmness.** The apn Vinta acoustic ceiling panels set design highlights on the ceiling and score points for their outstanding performance in optimizing room acoustics. The great flexibility of the designs and fastenings provides many design possibilities.

### Simple and flexible installation

- » Fewer suspension points and flexible adjustment thanks to apn SYS-C rail
- » Plug ,n' Play installation directly under the ceiling using the patented apn SYS-Z profile

### Free forms & format variety

- » Customised formats
- » Individual sizes

### Wide range of colours

- » Acoustic fleece in RAL and NCS code
- » Direct printing on acoustic fleece
- » More than 250 fabrics to choose from

### Integrated light sources

The acoustic ceiling panels also serve as lighting thanks to built-in LED lamps.

### Use

-  Offices
-  Educational institutions
-  Restaurants
-  Healthcare
-  Production facilities



### Acoustic ceiling panels | Technical specifications

Dimensions (l x w)		Up to 3000 mm x 1200 mm as a single element Larger elements are possible in modular form (width max. without seam: 1600 mm) Individual free forms possible (according to CAD specification)
Sound absorption class		A in accordance with DIN EN ISO 11654 and DIN EN ISO 354
Building material class	Acoustic panel	A2-S1, d0 acc. to DIN EN 13501-1
	Fabric & felt	surface-dependent
Standard surface		Acoustic fleece; white, similar to RAL 9003 Other fabrics and colours on request
Luminous reflectance		85%, 99% diffuse
Cleaning		Surface-dependent; Acoustic fleece: damp wipeable; fabrics & felts: dry wipeable
Dismantling		Easy to dismantle
Indoor environment		Suitable for use in ISO class 6 rooms according to DIN EN ISO 14644-1
Moisture resistance		Dimensionally stable up to a relative atmospheric humidity of 95% at 30° C. (according to DIN EN ISO 4611)
Weight		approx. 4,5 kg/m²
Fastenings		Direct mounting via apn SYS-Z profile; suspension with steel wires on the apn SYS-C rail





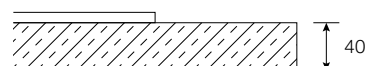
## Edge designs

Colour-coated all around

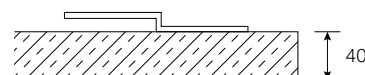


## Fastening options

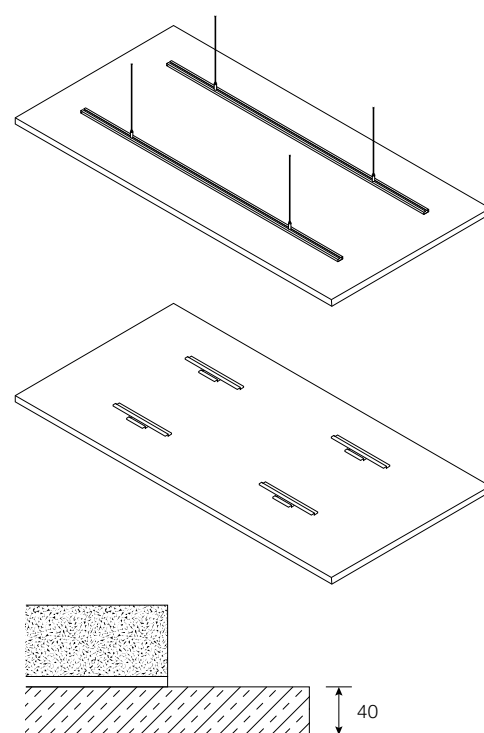
apn Vinta (e) Acoustic ceiling panel suspended from apn SYS-C rail; suspension height standard 200 mm



apn Vinta (z) mounted directly Acoustic ceiling panel mounted with patented apn SYS-Z profile; structure height: 60 mm

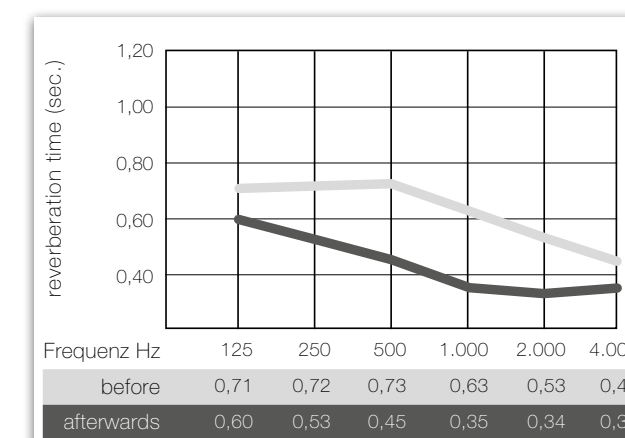
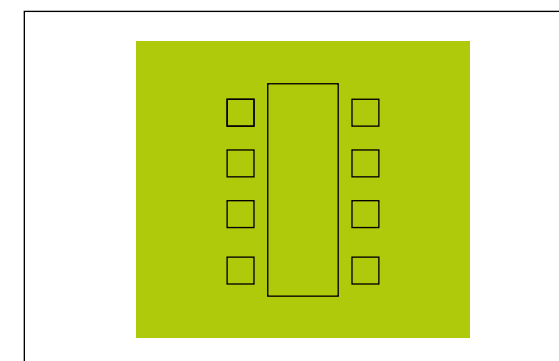


apn Vinta (eT) Ceiling panel with additional depth absorber suspended on apn SYS-C rail with steel wires. Minimum suspension height: 200 mm



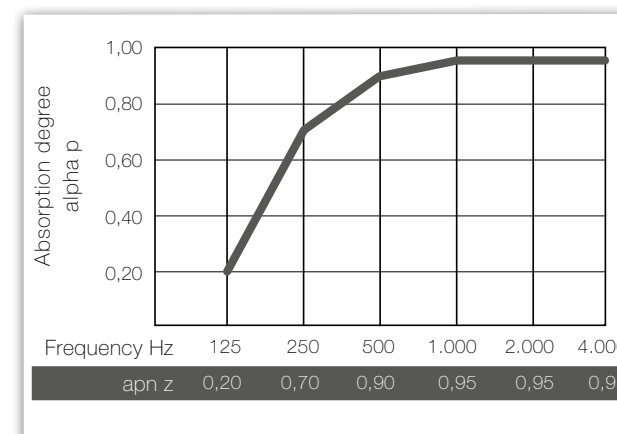
## Example: reverberation time measurement

Meeting room  
Floor area: 13 m<sup>2</sup>  
Room volume: 45 m<sup>3</sup>  
Absorber area: 6,48 m<sup>2</sup>

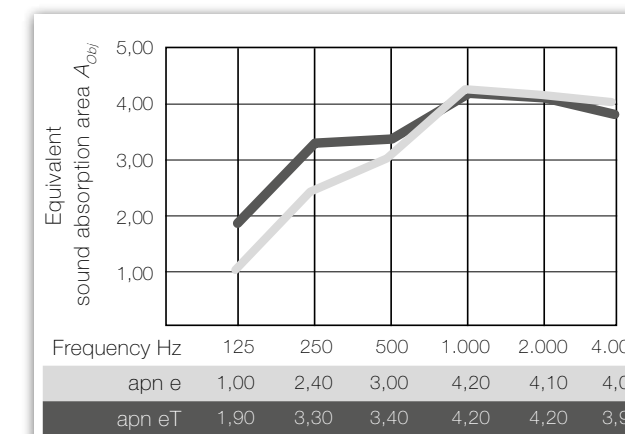


## Sound absorption measurement (measurement set-up according to DIN EN ISO 354)

apn Vinta (z)  
Structure height: 55 mm  
Format: 2400 mm x 1200 mm



apn Vinta (e) and apn Vinta (eT)  
Structure height: 200 mm  
Format: 2400 mm x 1200 mm



# Design variants

APN VINTA A excels with an enormous absorption and enchants with colourful design possibilities. Whether classic white, colourful, subtly homogeneous or in corporate design colours, all colours of the RAL or NCS colour palettes are available.



Our popular classic! In addition to the senses of hearing and seeing, our APN VINTA F acoustic ceiling panel also includes feeling. Because fabrics provide a different feel and create a feeling of coziness, warmth and softness.



Pictures beautify the room, can have a calming effect and lift moods as well as amuse and entertain us. Our APN VINTA TD acoustic ceiling panels combine room acoustics with image printing, giving every room a very personal touch.



Relaxation for eyes and ears – our acoustic ceiling panel APN VINTA CLOUD. It floats like clouds soothingly in a room. This form is particularly popular in day care centres and in other rooms where people also rest.



The APN VINTA LEAF acoustic ceiling panels have a visually calming effect similar to the apn Vinta Cloud. They float like oversized leaves in the room, have a protective effect like a canopy of leaves and soothe the room visually and acoustically.



Harmonious lighting moods have a relaxing effect, especially in combination with a pleasant room acoustics. We have combined both with our acoustic ceiling panel APN VINTA LUX. You can discover the complete series in our apn Lux Line brochure.



Whether graphics, logos or other motifs, the acoustic ceiling panels APN VINTA D can be printed as a special feature by direct printing. As a result, decorative ceiling pictures become highly absorbent sound absorbers.



The completed circular shape of the APN VINTA CIRCLE significantly loosens up the architecture of the room. This looks particularly aesthetic in combination with the round lights of our apn Vinta Lux series.



In addition to standard formats such as circular and rectangular, there is also a whole world of shapes. With APN VINTA A FREE – the acoustic ceiling panel in individual form – there are no design limits.



## Special models

Whether room acoustics and sound insulation for the industrial sector, with high hygiene requirements or in the healthcare sector, we can provide you with a customised concept for every area with our special designs. All information and products can be found in the respective product line brochures.

apn<sup>®</sup> Industry



apn<sup>®</sup> Clean Industry



apn<sup>®</sup> Health Care







# apn acoustic solutions

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