



Flexible and elegant: The pinta BALANCE ceiling cloud combines optimum office acoustics with timeless design and is easy to install and remove.

>> Service

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

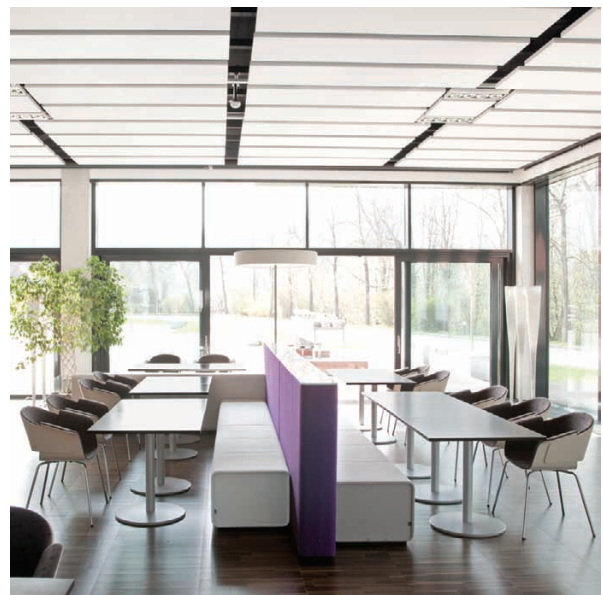
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Good acoustics are increasingly seen as a priority when it comes to designing open plan offices – and rightly so. But good looks are important too.

When noise rises above an acceptable level, staff find it harder to concentrate and their performance suffers. Noise also has an adverse effect on the working atmosphere: It leads to stress and aggression, which employees pass on to those around them.

The pinta BALANCE ceiling cloud is a simple system providing high sound absorption values for optimum room acoustics. This results in a pleasant working environment. At the same time pinta acoustic recognizes the value of attractive design: After all, offices not only have to be functional, they must also be visually satisfying. pinta BALANCE can also be used with concrete-core activated ceilings.



>> Choose from a range of alternatives:

- pinta BALANCE PLUS ceiling cloud
- pinta BALANCE COOL ceiling cloud
- pinta BATTS
- Wall element pinta ACOUSTIC PANEL
- Wall element pinta BALANCE DESIGN
- Acoustic image pinta ARTWORK
- Acoustic image pinta BALANCE ART



Product advantages

- Up to 3.75 m² excluding joint
- Suitable for concrete-core activated ceilings
- Low weight < 3.00 kg/m²
- Light and easy to install, being pre-assembled in the factory
- No tools needed for inspection
- Environment-friendly, being free from synthetic and natural fibers, halogens and CFCs
- Space-saving thanks to exceptional sound absorption from a low material thickness
- Safe, being fireproof as well as acoustically effective
- Light reflectance > 87 %
- Choice of frame widths, 1.4 or 10 mm
- Choice of frame colours E6EV1 (anodised) or similar to RAL 9016 (white)

Colors

The pinta BALANCE ceiling cloud is available in the following colors:



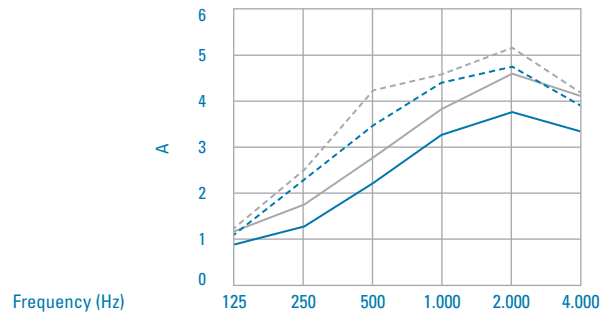
white

Color coating on request.

Thickness

20 mm or 40 mm

Equivalent absorption surface A, pinta BALANCE ceiling cloud, according to DIN EN ISO 354



Format: 2.5 x 1.25 m, thickness 20 mm, plenum space 300 mm	— A	0.98	1.27	2.27	3.30	3.83	3.43
Format: 2.5 x 1.25 m, thickness 40 mm, plenum space 300 mm	— A	1.10	2.35	3.53	4.45	4.70	3.91
Format: 3.0 x 1.25 m, thickness 20 mm, plenum space 300 mm	- - - A	1.19	1.78	2.86	3.89	4.64	4.11
Format: 3.0 x 1.25 m, thickness 40 mm, plenum space 300 mm	- - - A	1.23	2.54	4.26	4.67	5.16	4.54

BALANCE product data

Characteristic	DIN	Value
Base material		Melamine resin foam with fleece laminations and all-round aluminum frame
Color		white
Material density*	EN ISO 845	9.5 ± 1.5 kg/m ³
Fire rating	DIN 4102	B1 (flame-retardant)
General test certificate issued by building authorities		P-NDS04-361
Long-term temperature stability		80 °C
Short-term temperature stability		100 °C
Influence on concrete core activated ceilings, ceiling coverage 33 %**	DIN EN 14240	plenum space 100 mm: 30 % 200 mm: 22 % 300 mm 18 %
Influence on concrete core activated ceilings, ceiling coverage 33 %**	DIN EN 14240	plenum space 100 mm: 40 %

* Pursuant to EN ISO 845 determined with samples having the following minimum dimensions: 250 x 250 x 250 mm. **Test Certificate no. H.0803.P.499.PIN, HLK Stuttgart

Dimensions

3,000 x 1,250 mm

2,500 x 1,250 mm

Other dimensions up to 3,000 x 1,250 mm on request.

Installation advice

The pinta BALANCE ceiling cloud is a high-quality, acoustically effective element. It is bordered by an all-round supporting frame. The ceiling cloud can be suspended by means of conventional substructure materials that are approved by building authorities.

pinta recommends use of the Z-support profiles included with the product. They can be suspended from the rough ceiling using either threaded rods or steel cable. There are two pre-fitted assembly profiles located on the rear of the ceiling cloud. Thanks to these profiles the suspended ceiling cloud can easily be removed for inspection purposes.

We expressly point out that, in case of non-horizontal installation, the pinta BALANCE ceiling cloud must be secured at the customer's site so that it cannot shift or fall down.

As the pinta ceiling cloud BALANCE consists of materials with various properties and tolerances, ceiling clouds can display different dimensional tolerances depending on the material. The pinta ceiling cloud BALANCE is therefore not recommended for a joint-to-joint suspension.

Clean cotton gloves should be worn when installing the pinta BALANCE ceiling cloud.

A fastening set is required for assembling a ceiling cloud. pinta acoustic offers both a fastening kit with threaded rods as well a steel cable kit.

pinta installation kit with threaded rods made of stainless steel (A2) for BALANCE ceiling cloud (not included with product)

The pinta installation kit for the BALANCE ceiling cloud is suitable as a substructure or means of assembly to fix the ceiling cloud to reinforced concrete ceilings.

The installation kit comprises:

4 internal thread anchors M6

4 threaded rods M6 x 500 mm

8 hexagon nuts M6

8 washers d=6 mm

including packaging

One installation kit is required to install one ceiling cloud.

pinta acoustic expressly points out that the installation kit is only suitable for reinforced concrete ceilings.

Installation method

1. Measure the holes

2. Drill and set the holes

Drill diameter	8	[mm]
Internal thread	M6	
max. screw-in depth	13	[mm]
min. screw-in depth	8	[mm]
Anchorage depth	40	[mm]

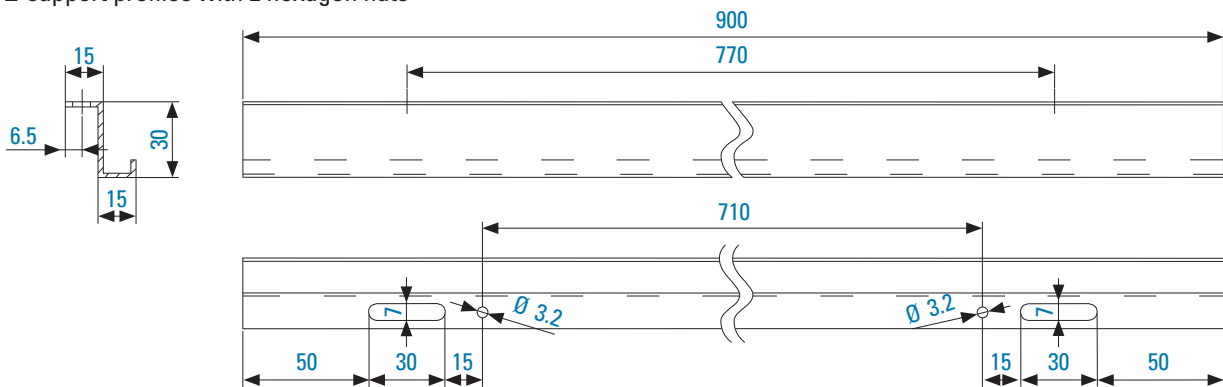
3. Screw in the threaded rods

4. Screw the hexagon nuts onto the threaded rods and adjust or align the suspension height

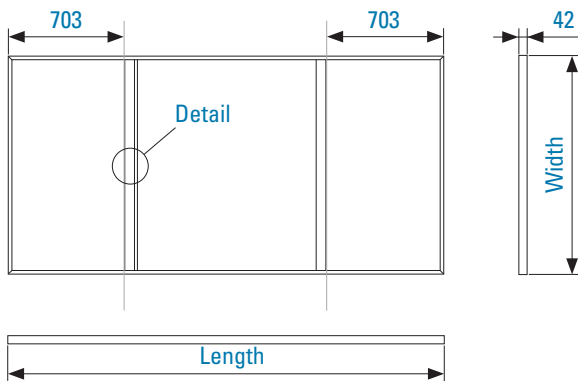
Suspending the ceiling cloud (standard lengths)

Fixing the ceiling cloud according to these drawings applies to lengths from 2,250 to 3,000 mm.

5. Fit the washers and Z-support profiles and fix the Z-support profiles with 2 hexagon nuts



6. Suspend the pinta BALANCE ceiling cloud



Detail: Suspension of Z-profile (2-sided facing outwards)
Note: All dimensions relate to the outer edge of the cloud.



Detail: Suspension of Z-profile (aligned)
Note: All dimensions relate to the outer edge of the cloud.

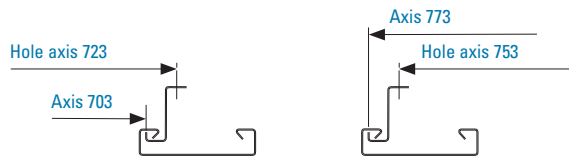


>> FAQs about installation

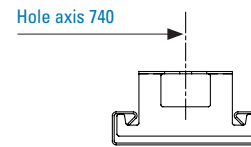
Luminaires can be mounted on site in the pinta BALANCE ceiling cloud. The cutout for the luminaire can be made using a craft knife. When cutting out, make sure the luminaire will not collide with the assembly

profile mounted on the rear. The luminaire must be suspended from the rough ceiling, because the acoustic element of the ceiling cloud is not designed to bear the weight of the luminaire.

Example for setting installation holes.



Example for measuring drill holes for installation of a BALANCE ceiling cloud, format 2,500 x 1,250 mm, with steel cable fasteners.



Notes:

Horizontal lines for notes.

>> Please note

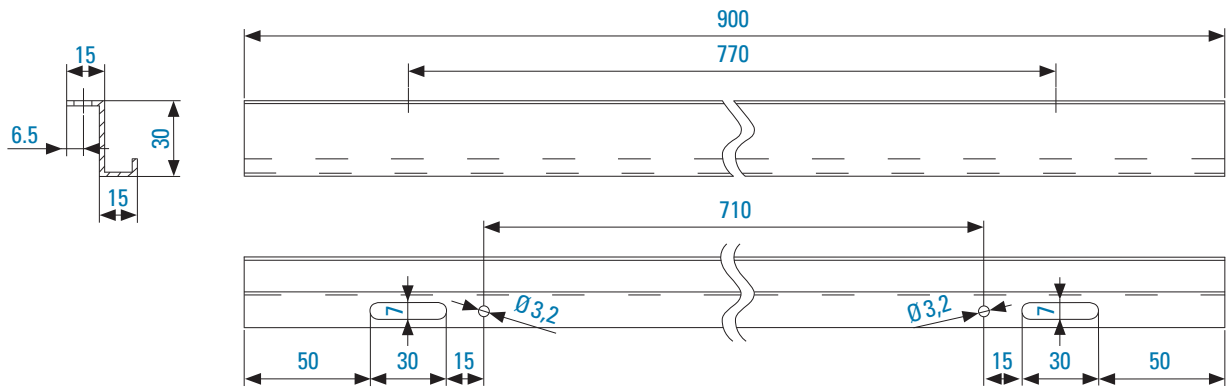
Product details are based on our current knowledge and experience. In view of the wide range of possible applications, all information is provided without obligation and does not constitute a guarantee of prop-

erties. This also applies to any proprietary rights of third parties. We reserve the right to make technical changes in line with progress.

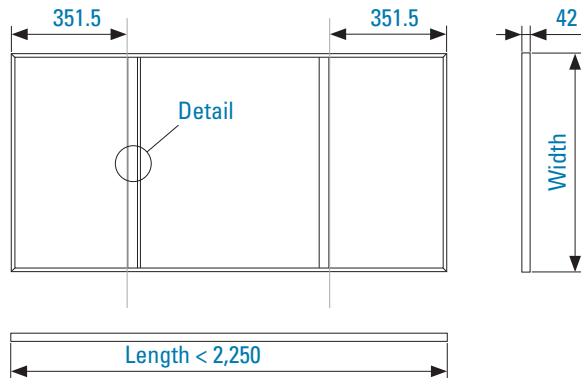
Suspending the ceiling cloud (length < 2,250 mm)

Fixing the ceiling cloud according to these drawings applies to non-standard lengths < 2,250 mm.

1. Fit the washers and Z-support profiles and fix the Z-support profiles with 2 hexagon nuts



2. Suspend the pinta BALANCE ceiling cloud



Detail: Suspension of Z-profile (2-sided facing outwards)
 Note: All dimensions relate to the outer edge of the cloud.



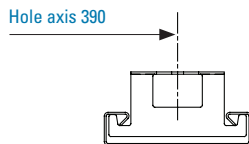
Detail: Suspension of Z-profile (aligned)
 Note: All dimensions relate to the outer edge of the cloud.



>> FAQs about the assembly

This page of the data sheet only applies to pinta ceiling clouds BALANCE with an element length smaller than 2,250 mm!

Example for measuring drill holes for installation of a BALANCE ceiling cloud, format < 2,250 x 1,250 mm, with steel cable fasteners.



pinta installation kit with steel cables for ceiling cloud BALANCE (not included with product)

The pinta fastening kit with steel cable for the ceiling cloud BALANCE is suitable as a sub-construction or mounting aid for cloud fixings, irrespective of the dowel (not included in scope of delivery), to all ceilings.

The installation kit with steel cables consists of:

- 4 ceiling fasteners M13x1 with inner diameter 6.5 mm
 - 4 screw caps M13x1
 - 4 steel cables, 1.0 mm, with pressed fitting, tinned end of cable, length 500 mm
 - 4 steel cable fasteners type M5
 - 4 chopper disks M5
 - 4 hexagon bolts M5x8
 - 4 steel cable fasteners L-35/20
- incl. packaging

Assembly process

Suspension using rope fixing

1. Measure the borings
2. Drill the holes and position the dowel
3. Fix the ceiling mounting
4. Lead the rope through the screw cap and then screw on the screw cap
5. Screw on the wire rope bracket M5 onto the wire rope bracket L-35/20 (secure the screw using lock washers)
6. Insert the wire rope into the wire rope bracket type 15ZW M5 and set height
7. Screw the wire rope bracket L-35/20 into the supporting profile pre-assembled on the back

Checklist

Material

- The pinta BALANCE ceiling cloud consists of an all-round extruded profile frame, an acoustic element with a thickness of 20 or 40 mm and 2Z-support profiles. The visible side of the acoustic element is similar to RAL 9016, light reflectance > 87%, the back of the element is finished in anthracite. The building material class of the acoustic element is B1 (hardly inflammable) according to DIN 4102.

General test certificate issued by the building authorities: P-NDS04-361.

Dimensions

- 2,500 x 1,250 mm
 3,000 x 1,250 mm
 Special dimensions:
_____ x _____ mm

Frame width

- 1.4 mm
 10 mm

Frame color

- E6EV1 (natural aluminum)
 RAL 9016 (white)

Colour Coating

- Colour code _____

Thickness

- 20 mm
 40 mm

Suspension

- Installation kit with threaded rods made of stainless steel (A2) including:
4 internal thread anchors M6
4 threaded rods M6 x 500 mm
8 hexagon nuts M6
8 washers d=6 mm
incl. packaging
- Installation kit with steel cables including:
4 ceiling fasteners M13x1 with inner diameter 6.5 mm
4 screw caps M13x1
4 steel cables, 1.0 mm, with pressed fitting, tinned end of cable, length 500 mm
4 steel cable fasteners type M5
4 chopper disks M5
4 hexagon bolts M5x8
4 steel cable fasteners L-35/20
incl. packaging

>> | Contact /Enquiries

Company stamp:

Quantity:

m²

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