

# ACCENT DIGITAL

**AD-KWIET** - Tongue-and-groove acoustic planks



### **AD-KWIET - THE PRODUCT**

AD-kwiet is a collection of acoustic wood planks designed and manufactured by Accent Digital. The planks in this collection feature a hardwood veneer surface and narrow 3mm or 4mm surface grooves, creating a versatile and refined product that lends itself to many environments.

Moreover, the geometry of the perforations and the acoustic fabric on the back of AD-kwiet planks provide excellent performance in many applications designed to reduce acoustic reverberation.

### **DIMENSIONS**

Standard plank size is 160 x 2,440mm (6.3"x96"). As an option, planks can be 2,895mm (114") long. Plank thickness is 19mm (3/4").

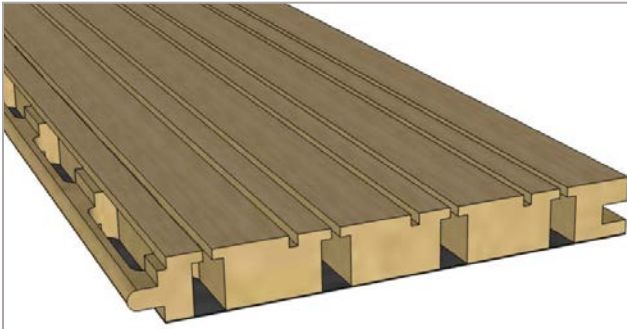


AD-kwiet planks were designed to **maximize acoustic performance** without compromising aesthetics and versatility.

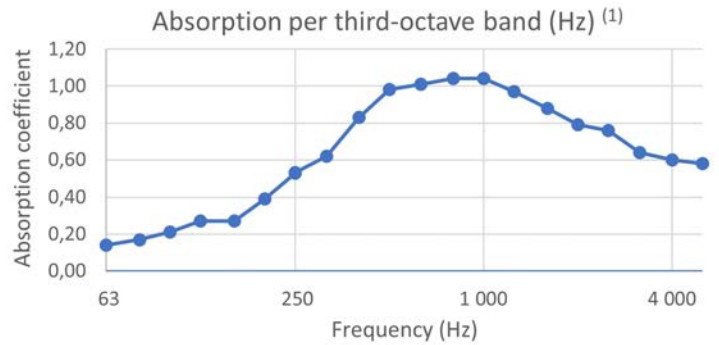
The **hardwood veneer** surface finish is applied to a wood fiber substrate. This substrate can be black or natural colored. The surface grooves are 3mm or 4mm wide, depending on the model. These grooves communicate at the back with a series of larger oblong perforations, creating **long air chambers** that improve the product's acoustic performance over competing products relying on a series of small round holes. The rear face is covered with a **black acoustic fabric** that allows acoustic waves to pass through to the acoustic wool installed behind the planks.

# ADK 3-11-24

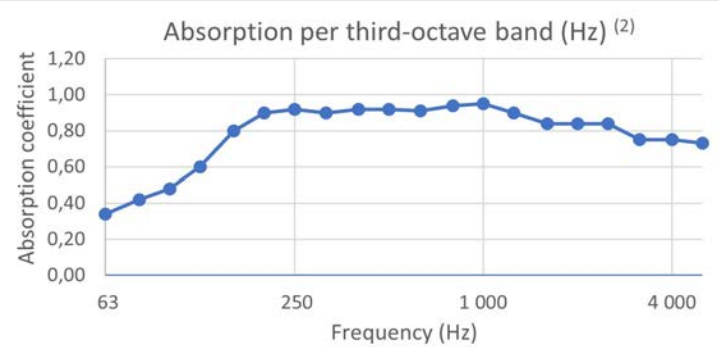
MODEL



- Board width: 160mm
- Board thickness: 19mm
- Perforation rate: 9.7%
- Groove width (top): 3mm
- Perforations width (back): 9mm
- Slats width (top): 11mm and 24mm
- NRC wall (1): 0,80
- NRC ceiling (2): 0,90



(1) Including 50mm plenum with acoustic wool (standard wall installation)



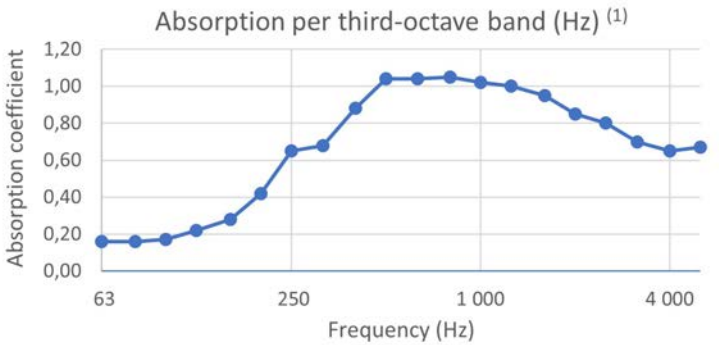
(2) Including 200mm plenum with 50mm acoustic wool (ceiling installation)

# ADK 3-13

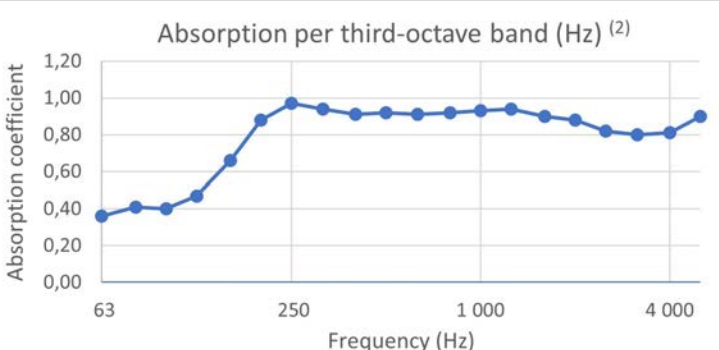
MODEL



- Board width: 160mm
- Board thickness: 19mm
- Perforation rate: 12.1%
- Groove width (top): 3mm
- Perforations width (back): 9mm
- Slats width (top): 13mm
- NRC wall (1): 0,85
- NRC ceiling (2): 0,90



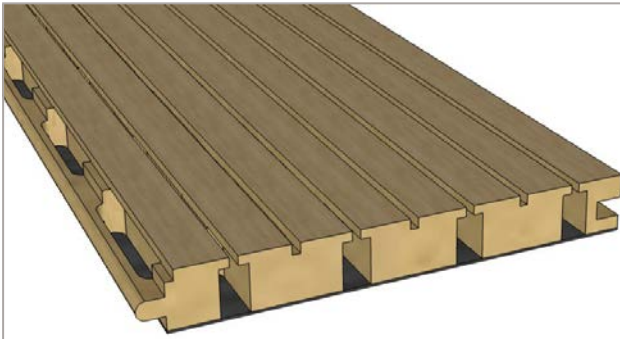
(1) Including 50mm plenum with acoustic wool (standard wall installation)



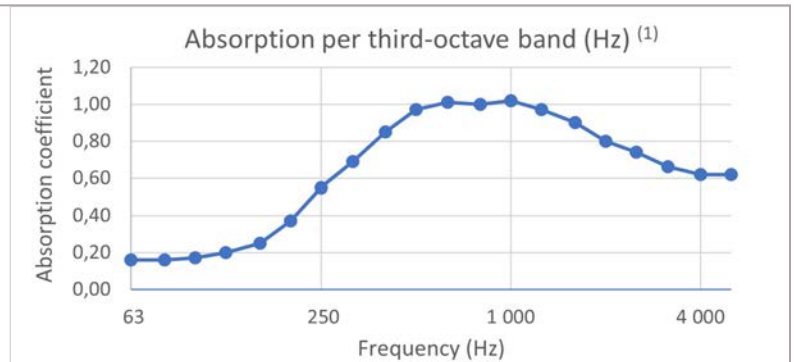
(2) Including 200mm plenum with 50mm acoustic wool (ceiling installation)

# ADK 3-17

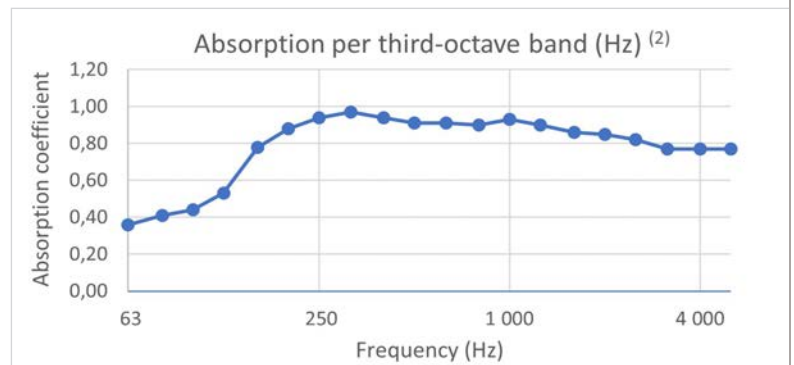
MODEL



- Board width: 160mm
- Board thickness: 19mm
- Perforation rate: 9.7%
- Groove width (top): 3mm
- Perforations width (back): 9mm
- Slats width (top): 17mm
- NRC wall (1): 0,80
- NRC ceiling (2): 0,90



(1) Including 50mm plenum with acoustic wool (standard wall installation)



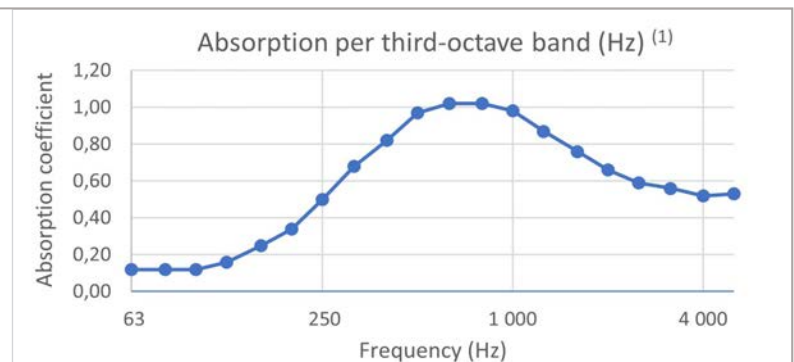
(2) Including 200mm plenum with 50mm acoustic wool (ceiling installation)

# ADK 3-24

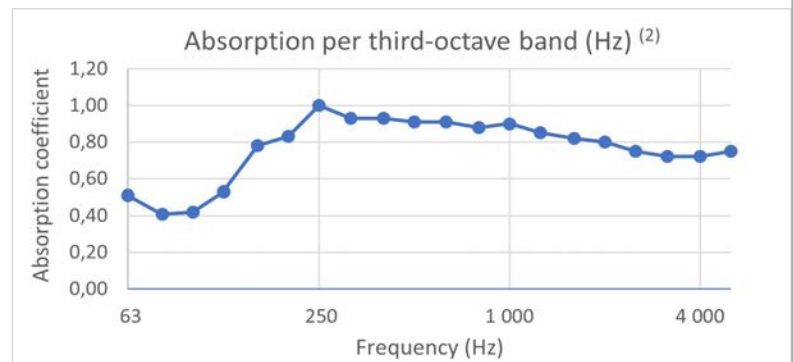
MODEL



- Board width: 160mm
- Board thickness: 19mm
- Perforation rate: 7.3%
- Groove width (top): 3mm
- Perforations width (back): 9mm
- Slats width (top): 24mm
- NRC wall (1): 0,75
- NRC ceiling (2): 0,85



(1) Including 50mm plenum with acoustic wool (standard wall installation)



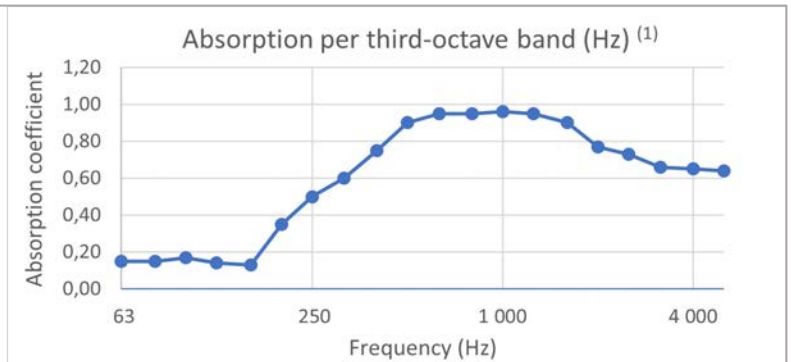
(2) Including 200mm plenum with 50mm acoustic wool (ceiling installation)

# ADK 4-22

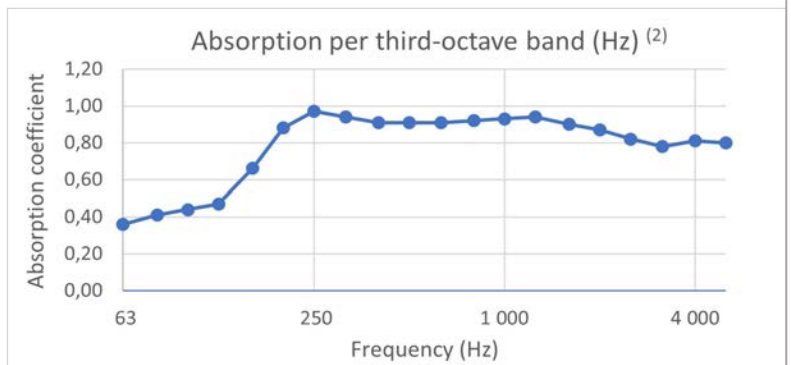
MODEL



- Board width: 160mm
- Board thickness: 19mm
- Perforation rate: 10.9%
- Groove width (top): 4mm
- Perforations width (back): 9mm
- Slats width (top): 22mm
- NRC wall (1): 0,75
- NRC ceiling (2): 0,90



(1) Including 50mm plenum with acoustic wool (standard wall installation)



(2) Including 200mm plenum with 50mm acoustic wool (ceiling installation)





Model : ADK 3-11-24, varnished maple finish

# WOOD SPECIES AND FINISH

We offer a wide variety of natural wood species and stains. Custom stain colors can be developed upon request.

## BLACK OR NATURAL GROOVES CHOICE

With the exception of walnut, the color of the grooves in wood veneer finishes is natural. Black grooves are available as an option (additional charge applies).

### Wood Veneers



WHITE OAK



MAPLE



WHITE ASH



BIRCH



WALNUT

Other wood species are also available upon request. Please contact us for further information.

### Stains



CAMEL



SAHARA



TAUPE

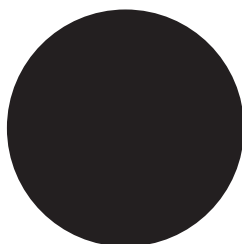


ESPRESSO

The grooves are natural or black, depending on the substrate color.

On request, a custom stain color can be developed from a sample.

### Solid Color



BLACK ON BLACK

**Another finishing option:** the planks can be painted in a color of your choice. Grooves can be black or natural.



# INSTALLATION



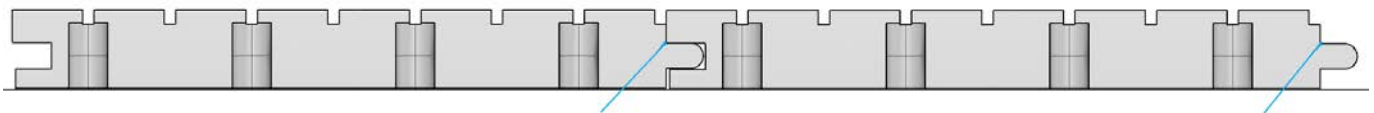
**AD-kwiet is an easy-to-install product** suitable for a wide range of applications. It can be cut and perforated to integrate various equipment, such as lighting fixtures, ventilation grilles and more. Planks can be installed both horizontally and vertically.

As with all similar acoustic products, AD-Kwiet planks should be installed in front of a plenum with a minimum thickness of 38mm of acoustic wool to fully fulfil their acoustic function. On the ceiling, if the plenum is over 400mm, it can be left empty, without acoustic wool.

## INSTALLATION METHOD

AD-kwiet boards are designed with **tongue and grooves** for easy installation. Wood furring should be installed perpendicular to the orientation of the boards to provide an adequate nailing base.

AD-kwiet boards are easily installed using a finishing nailer. The nails should be inserted diagonally at the point shown in the image below (male side of the tongue). The **nails** will be **invisible** when the installation is complete.



## FINISHING MOULDINGS

Finishing mouldings are available to complete the Planka board collection. Available in widths of 189, 92, 44 and 29mm, with socket (male or female), these moldings allow you to elegantly finish the ends of an assembly of boards. They are finished on one side and one edge and available in a length of 96".





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