

## DATASHEETS

**REVISION DATE: 18.1.2016** 

# AM BOARD - 10mm

AM Board (AMB) is a unique sound insulating board. Its efficiency is one of the most powerful, noise isolation technology, solutions. Among its advantages in addition to the unique acoustic properties are mainly vast hygienic and ecological purity, does not contain formaldehyde or other chemicals added. It is manufactured by



Product: Acoustic board AMB 10mm thick

Description of the sample:

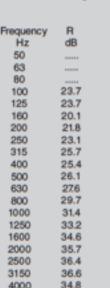
Size of the sample from in measuring opening 1425mm x 1200mm. Board from recycled material Tetra-pack with protective paper foil.

Installation was carried out in accordance with CSN EN ISO 10140-1 (appendix D).

Manufacturer: Akusticke materialy s.r.o. - Prague 10 Mounting date: 26.1.2015
Testing room: K4-> K3 Date of the test: 26.1.2015

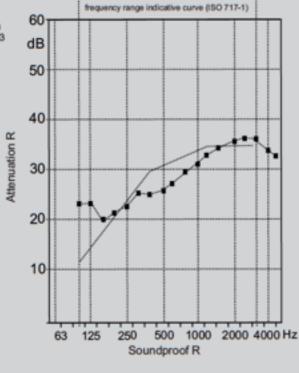
Basis weight: 8.5kg/m2
Air temperature: 13.6 oC
Relative humidity: 44%

Atmospheric pressure: 1000 hPa Volume of receiving room: 80.25 m3



33.0

5000



## Shape and size:

Dimension: 2400 x1200 x 10mm, 1200 x 800 x 10mm

#### **Density:**

850 kg / m3 +/- 5%

#### **Acoustic parameters:**

Airborne sound - Rw = 32.4 db

Improvement of impact sound -  $\Delta$ Lw = 26-35 db

#### Other properties:

Formaldehyde-free

Weight 8.5 kg/m2

Thermal conductivity -  $\lambda$  = 0,196W / mK

The ability to control air humidity

Treated HT (Heat Treatment) - resistant to mildew and pests Environmentally friendly and recyclable material

## Fire parameters - fire adjustment:

Flammability Class - B-s1, d0 Fire classification E30/ EI 30/ EW 30

#### **Examples of use:**

Finishing ceilings, floors and walls

Seamless application in wet processes
Floors - sound insulation - base layer under laminate,
hardwood and other floor coverings

## Assembly:

- Easy to handle
- · Simple processing cutting, drilling
- Installation on the grill (wood, steel profiles for plasterboard)
- · Direct mounting
- Installing the absorption panel use: AMB fix foam

For more information visit www.acousticmaterials.ie

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