

## Acoustic underlay – Molded Foam HD 5mm

Acoustic underlay made of polyurethane molded pieces of high bulk density. Absorbent panels prevent sound transmission from the room, absorbs low frequencies very well, excellent sound absorption and echo elimination. Can Improve the acoustic conditions of cinemas, call centres, industrial halls, workshops, music clubs, auditoriums, music rehearsal rooms, recording studios and residential areas. It is also suitable for thermal insulation.



### Shape and dimension:

Manufacturing dimensions 1000 x 2000mm

Overall thickness 5mm

### Density:

90 - 120 kg/m<sup>3</sup>

### Design and other properties:

Colour - variegated

Can be made to thickness of any dimension upon request.

Foam is available with reduced flammability

Impact sound reduction  $\Delta L_w = 18-36$  db (according to the used floor coverings)

Thermal conductivity:  $\lambda = 0,036W / mK$

### Fire parameters – Fire adjustments:

Complies with a variant CMR-100

Meets the requirements according to ISO 3795, TL 1010

### Examples of use:

The absorbent mat under flooring - Impact sound reduction  
- base layer under laminate, wood and other floor coverings

### Fitting:

- When cutting, do not use resistance wire, achieve desired shape by trimming with knife
- Base should be clean, level, dry and free of cracks
- When the penetration of moisture is more than 3% it is necessary to use an insulating layer / foil
- without gaps or overlaps lay panels tightly together
- Lay only one layer
- Place close to the wall without gaps
- Gluing is not necessary, only for large surfaces and resilient floor coverings - carpet / PVC / Linoleum when gluing use double-sided adhesive tape or contact glue spot or full area.

- For more information: <http://www.acousticmaterials.ie>

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