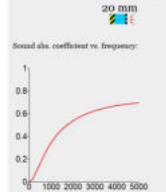


Influence of a perforated plate on an air-gap

The next figure presents the sound absorption coefficient of a 20 mm thick perforated plate (see facing screen) with a perforation rate of 20 % and a perforation radius of 2 mm, backed by an air-gap (see photo) of 60 mm thick.

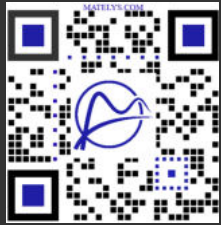
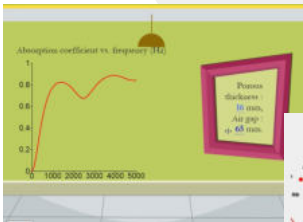


Plane wave:

(Particle motion and pressure wave)

Non-plane wave:

(Particle motion)





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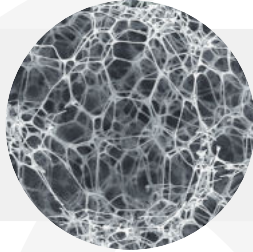
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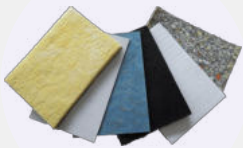
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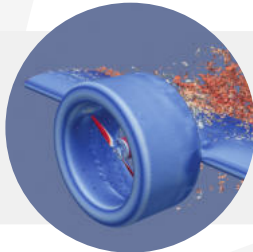
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