

# Office-Well-Being

## Open plan offices

- Need to be carefully designed to control the possible **noise** and **echo**



## “Acoustics” in offices

- 1) Most important complaint is noise for offices

Steven Rijkaard  
Improving the acoustics & well being in buildings  
1d •

#office #backtotheoffice #officeacoustics #productivityimprovement  
#indoorairquality #indoorlighting #indoorlight #realestate

When working in the office, what annoys you the most?  
You can see how people vote. [Learn more](#)

Noise	51%
Air quality	11%
Lack of sun light	20%
Design of the office	17%

35 votes • 2w left • [Hide results](#)

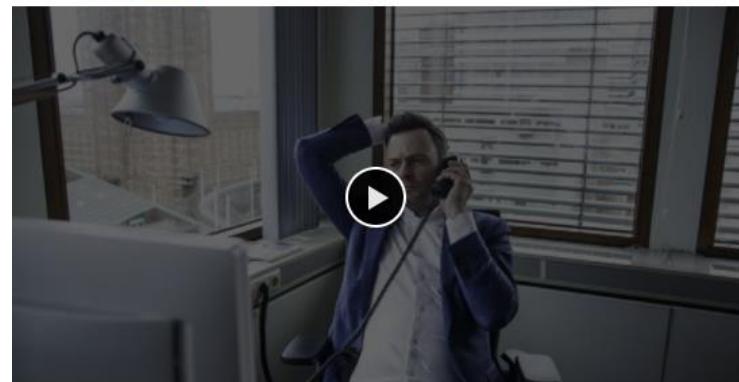
1 • 6 comments

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3mo •

Interesting rapportage about he open plan offices(kantoortuinen) and the negative affects it could have. Crucial is the acoustics in these designs. Sorry it's only in dutch  
Any questions about the right acoustics in offices? Just drop us a DM or email([info@bowiq.com](mailto:info@bowiq.com))



Ziek door mijn werkplek gemist? Start met kijken op NPO Start [npostart.nl](#)

[https://www.npostart.nl/de-monitor/24-02-2020/KN\\_1712023](https://www.npostart.nl/de-monitor/24-02-2020/KN_1712023)

## Hard surfaces reflect

Metal

Concrete

Glass

Dry-wall



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**BOWIQ**  
beyond acoustics

## This effects the Well Being

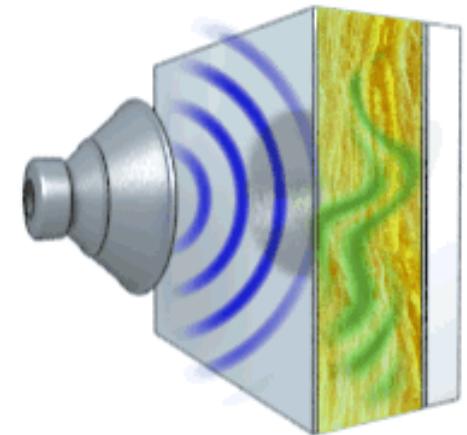


## Principle

Sound waves need to be absorbed not reflected

Introduce absorption on wall or ceilings

Sound Absorption



## BoSpray

Cellulose based acoustical spray plaster



## BoSpray

### High sound absorption

NRC(Noise Reduction Coefficient) = 0.65 – 0.95

15 mm: NRC 0.65

25 mm: NRC 0.75

37.5 mm: NRC 0.85

40 mm: NRC 0.95



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# BoSpray

 LEED® Contribution Points V2.2

2 Credits for recycled content

3 Credit for low **VOC** emitting material

**2 Credits locally sourced material\***

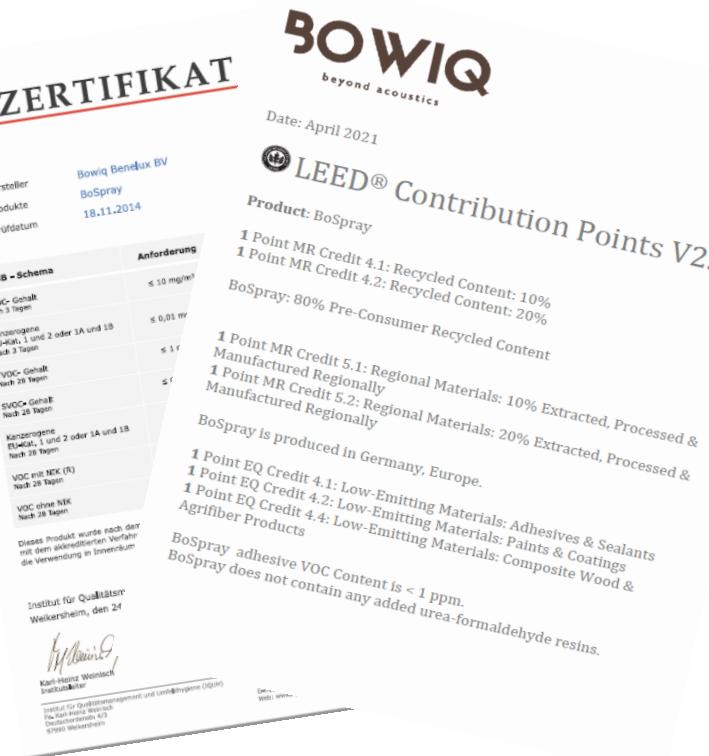
\* Low carbon footprint

**BREEAM®**

HEA05, 1 credit(Acoustical performance)

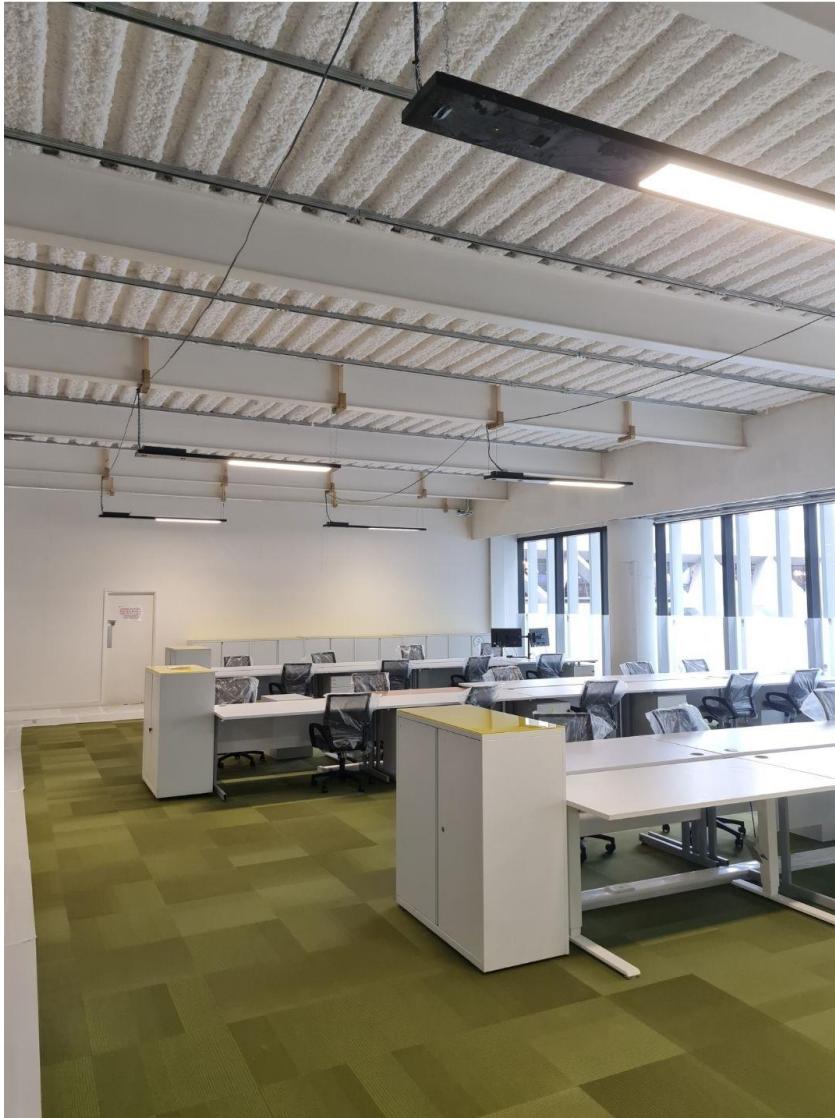
HEA02, 1 credit(Internal air quality)

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# Office-Well-Being

**BOWIQ**  
beyond acoustics



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Siemen HQ Office, Dubai



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