



SCREENWOOD

SOUNDLINA™

Acoustic Summary

SOUNDLINA™ by Screenwood is the world's first to market perforated architectural wall covering with high acoustic performance to reduce reverberation and increase speech intelligibility.



NRC to 0.85

SOUNDLINA™ boasts high acoustic performance, tested to achieve up to 0.85 NRC when installed as recommended on 12/25mm perforated grid plasterboard with acoustic insulation 14kg/m³.

As well as absorbing on average, 85 per cent of soundwaves when installed as recommended, SOUNDLINA™ was also found to have good absorption of frequencies below 500Hz, to better control the reverberation of sound as a result of speech.

Acoustic testing results:

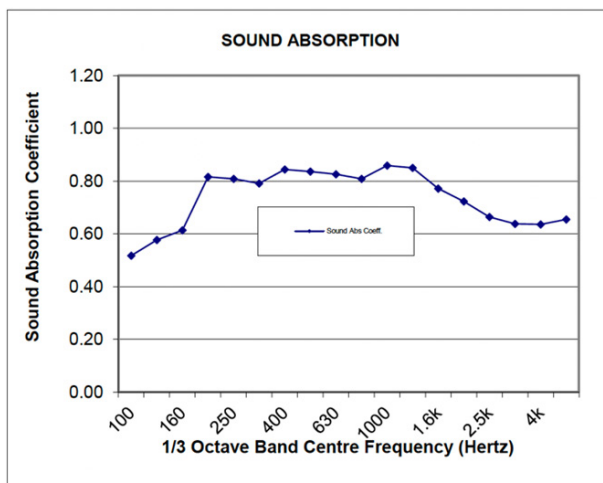
E-200 mounting, with insulation (Ceiling)

Weighted Sound Absorption Coefficient: α_w 0.75

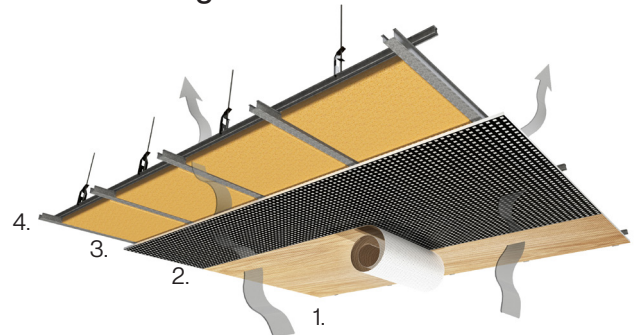
Sound Absorption Average: SAA: 0.80

Noise Reduction Coefficient: NRC: 0.80

SOUND Absorption of SOUNDLINA (E-200) Tested to AS ISO 354-2006



Typical ceiling installation with E-200 mounting with insulation



1. SOUNDLINA™ perforated wallpaper
2. Perforated plasterboard 12/25mm (painted black for aesthetics)
3. Acoustic insulation 14kg/m³
4. Suspended ceiling system





SCREENWOOD

SOUNDLINA™

Acoustic Summary

Acoustic testing results:

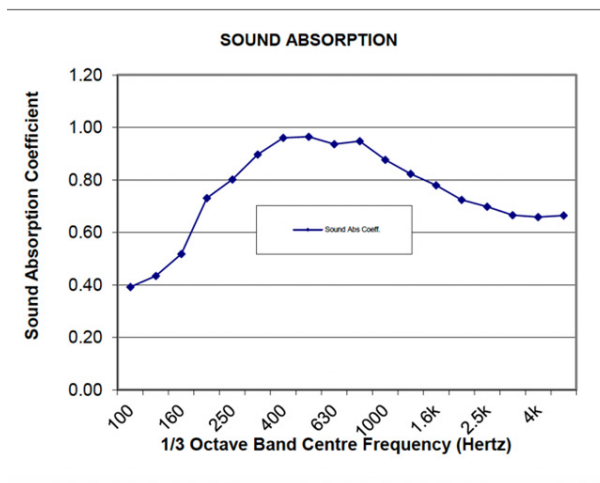
E-70 mounting, with insulation (Wall)

Weighted Sound Absorption Coefficient: α_w 0.75

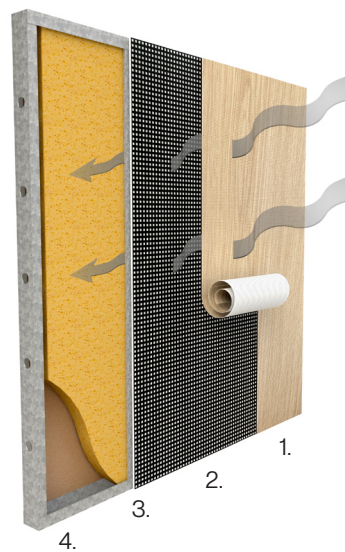
Sound Absorption Average: SAA: 0.84

Noise Reduction Coefficient: NRC: 0.85

SOUND Absorption of SOUNDLINA (E-70) Tested to AS ISO 354-2006



Typical wall installation with E-70 mounting with insulation



1. SOUNDLINA™ perforated wallpaper
2. Perforated plasterboard 12/25mm (painted black for aesthetics)
3. Acoustic insulation 14kg/m³
4. Stud wall

