

Acoustic Values

NORTHERN SOUL / Floor Filler / Night Flyer / Soundtrack / Strobe Light



Sound Absorption (ISO 354)

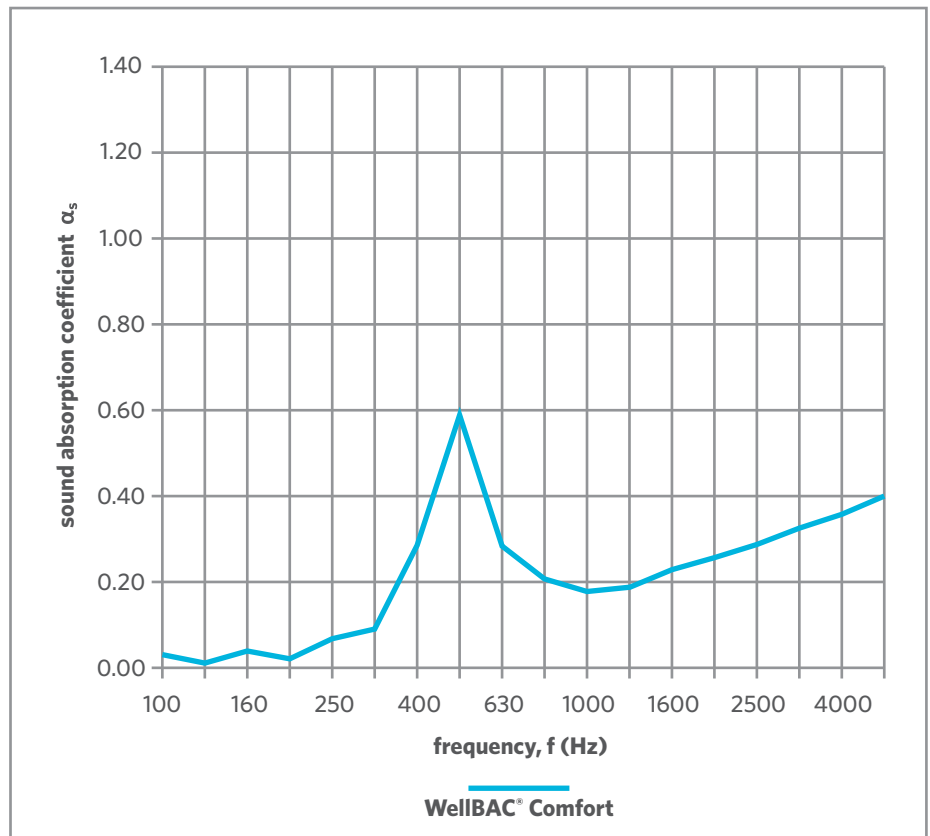
Impact Sound (ISO 140-8 / ISO 10140-3)

Northern Soul WellBAC® Comfort
 α_w 0.25 Class E

Northern Soul WellBAC® Comfort
 ΔL_w 31dB

Sound absorption coefficient α_s

FREQUENCY (Hz)	WellBAC® Comfort α_s
100	0.03
125	0.01
160	0.04
200	0.02
250	0.07
315	0.09
400	0.28
500	0.59
630	0.29
800	0.21
1000	0.18
1250	0.19
1600	0.23
2000	0.26
2500	0.29
3150	0.33
4000	0.36
5000	0.40



α_{pi} values (WellBAC® Comfort)

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0.05	0.05	0.40	0.20	0.25	0.35

α_w Class

α_w (overall value)	Class
0.25	E