

# Acoustic Values

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



## Sound Absorption (ISO 354)

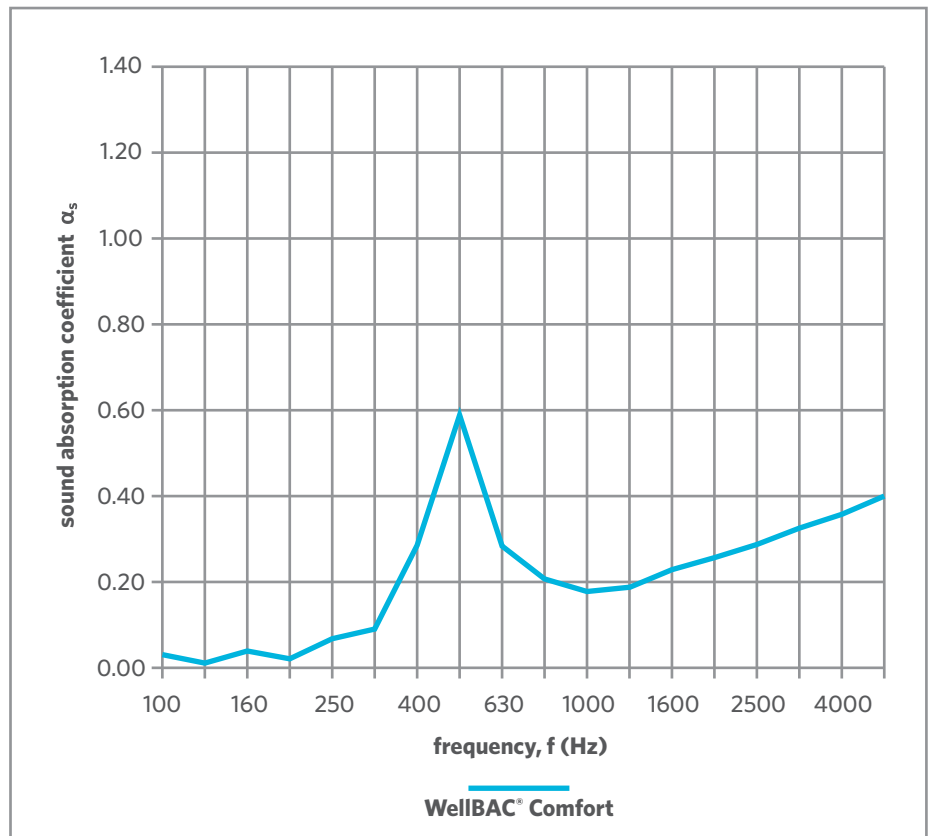
## Impact Sound (ISO 140-8 / ISO 10140-3)

Northern Soul WellBAC® Comfort  
 $\alpha_w$  0.25 Class E

Northern Soul WellBAC® Comfort  
 $\Delta L_w$  31dB

### Sound absorption coefficient $\alpha_s$

FREQUENCY (Hz)	WellBAC® Comfort $\alpha_s$
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



### $\alpha_{pi}$ 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

### $\alpha_w$ Class

$\alpha_w$ (overall value)	Class
0.25	E