

# Acoustic Values

**ARCTIC SURVEY** / Expedition /  
Isotherm / Shackleton



**Sound Absorption** (ISO 354)

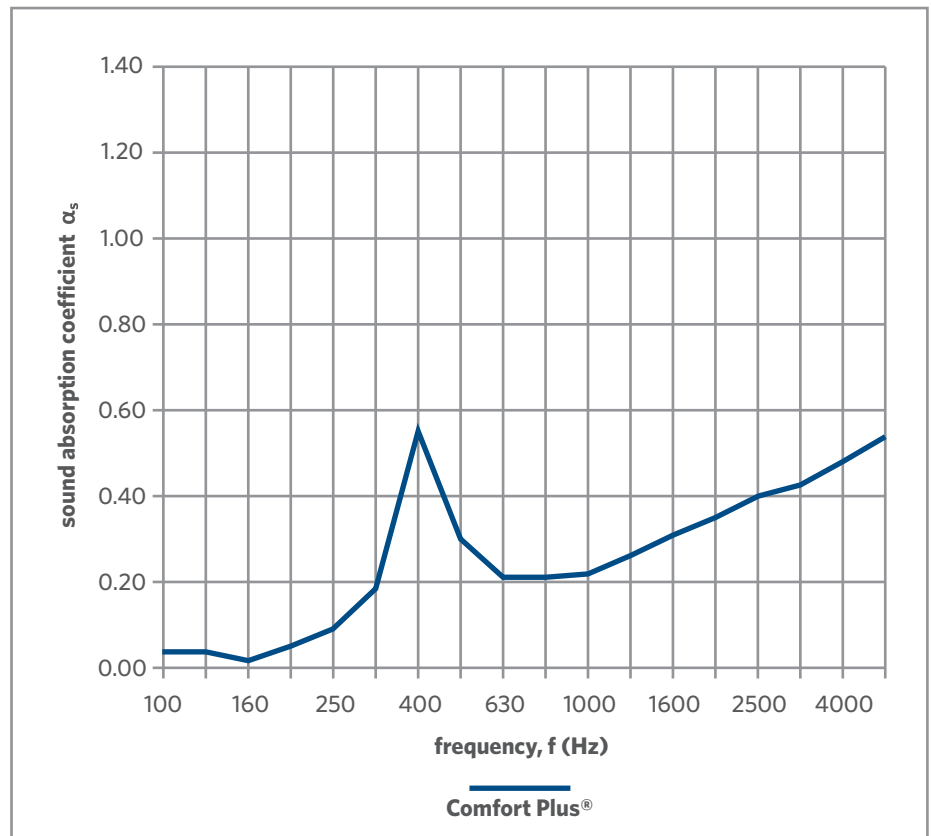
**Impact Sound** (ISO 140-8 / ISO 10140-3)

Arctic Survey Comfort Plus®  $\alpha_w$  0.30 Class D (H)

Arctic Survey Comfort Plus®  $\Delta L_w$  36dB

## Sound absorption coefficient $\alpha_s$

FREQUENCY (Hz)	Comfort Plus® $\alpha_s$
100	0.04
125	0.04
160	0.02
200	0.05
250	0.09
315	0.19
400	0.56
500	0.30
630	0.21
800	0.21
1000	0.22
1250	0.26
1600	0.31
2000	0.35
2500	0.40
3150	0.43
4000	0.48
5000	0.54



## $\alpha_p$ values (Comfort Plus®)

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0.05	0.10	0.35	0.25	0.35	0.50

## $\alpha_w$ Class

$\alpha_w$ (overall value)	Class
0.30	D (H)

Milliken™