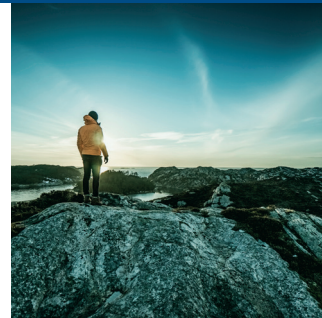


# Acoustic Values

## NORTHWARD BOUND 2.0 /

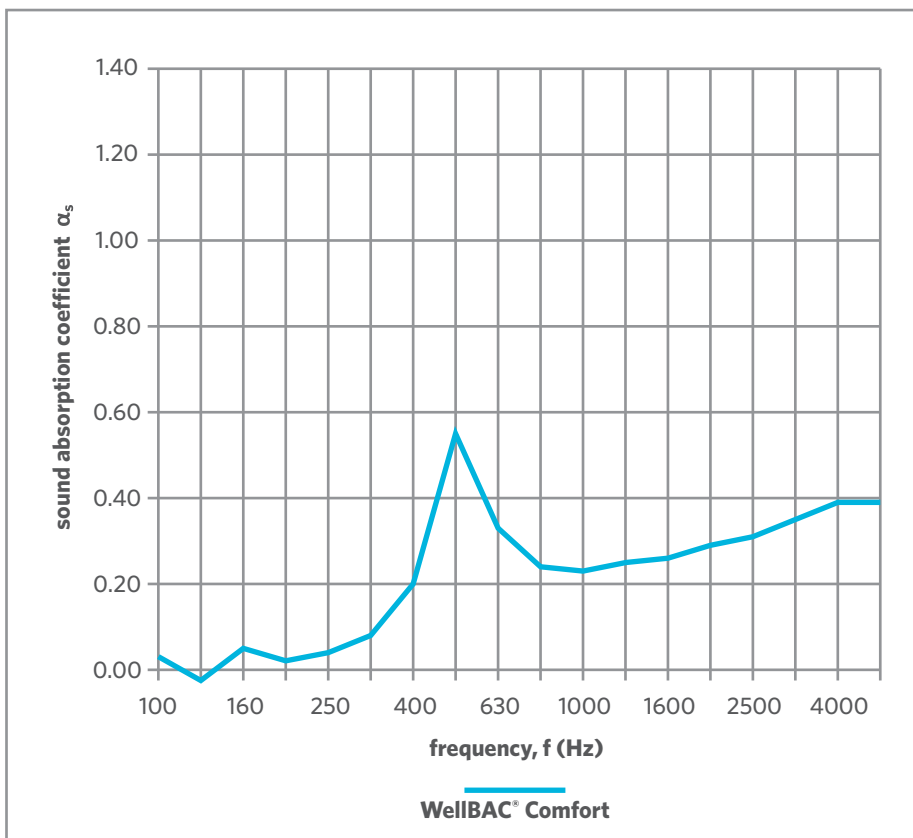
### Firn / Glacier / Snow



Sound Absorption (ISO 354)	Impact Sound (ISO 140-8 / ISO 10140-3)
Northward Bound 2.0 WellBAC® Comfort $\alpha_w$ 0.30 Class D	Northward Bound 2.0 WellBAC® Comfort $\Delta L_w$ 30dB

### Sound absorption coefficient $\alpha_s$

FREQUENCY (Hz)	WellBAC® Comfort $\alpha_s$
100	0.03
125	-0.02
160	0.05
200	0.02
250	0.04
315	0.08
400	0.20
500	0.55
630	0.33
800	0.24
1000	0.23
1250	0.25
1600	0.26
2000	0.29
2500	0.31
3150	0.35
4000	0.39
5000	0.39



$\alpha_{pi}$ values (WellBAC® Comfort)					
125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0.00	0.05	0.35	0.25	0.30	0.40

$\alpha_w$	Class
(overall value) 0.30	D