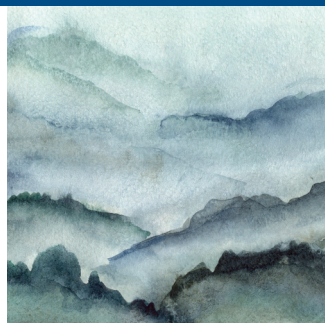
Acoustic Values

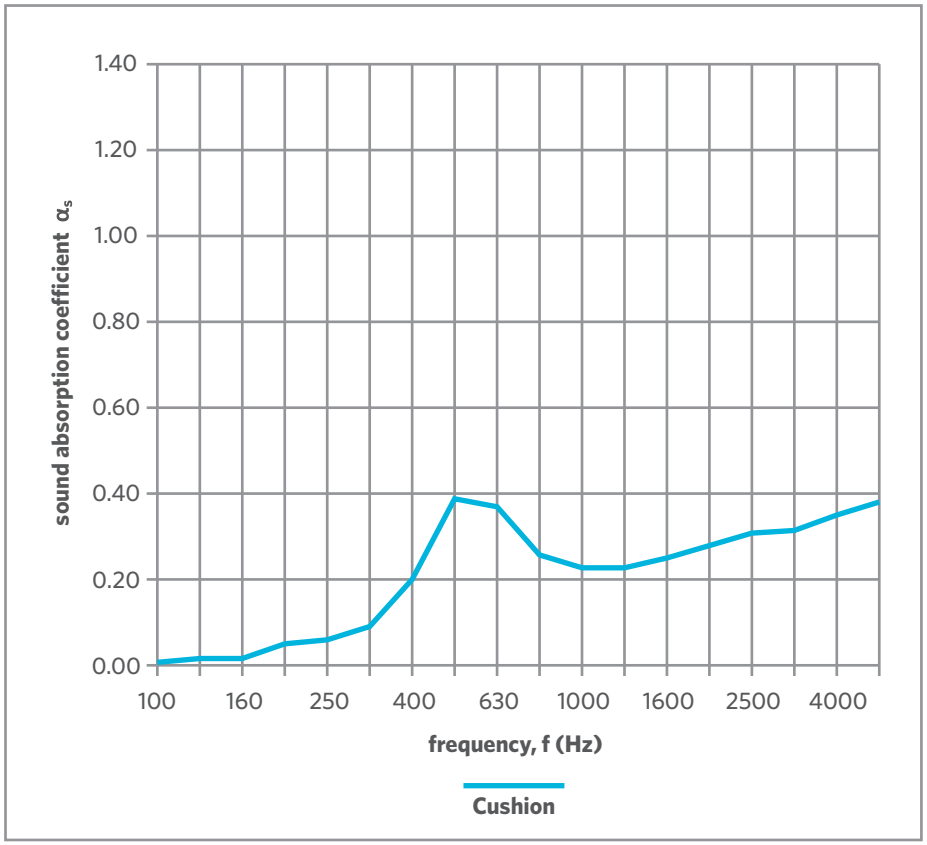
TRACING LANDSCAPES / Field Study / Geography Lesson



Sound Absorption (ISO 354)	**Impact Sound** (ISO 140-8 / ISO 10140-3)
Tracing Landscapes Cushion α_w 0.30 Class D	Tracing Landscapes Cushion ΔL_w 33dB

Sound absorption coefficient α_s

FREQUENCY (Hz)	Cushion α_s
100	0.01
125	0.02
160	0.02
200	0.05
250	0.06
315	0.09
400	0.20
500	0.39
630	0.37
800	0.26
1000	0.23
1250	0.23
1600	0.25
2000	0.28
2500	0.31
3150	0.32
4000	0.35
5000	0.38



α_p values (Cushion)					
125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0.00	0.05	0.30	0.25	0.30	0.35

α_w	Class
(overall value)	
0.30	D

Milliken™