

Acoustic Values

FORMWORK / Brights / Neutrals



Sound Absorption (ISO 354)

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

Formwork Cushion α_w 0.25 Class E

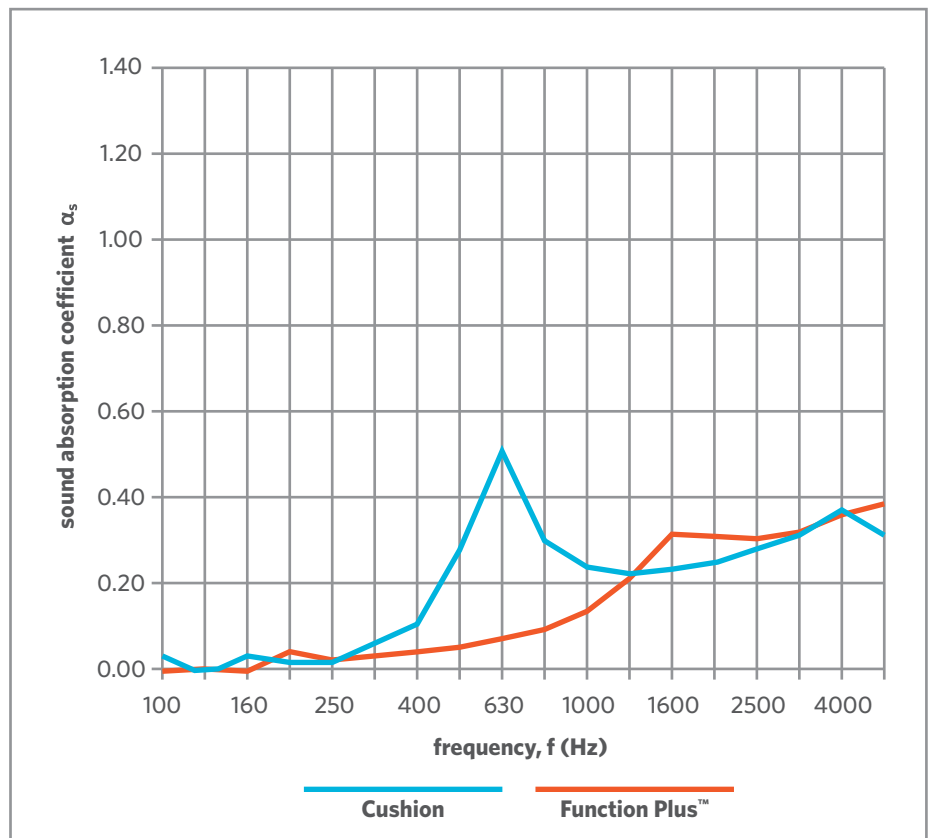
Formwork Cushion ΔL_w 29dB

Formwork Function Plus™ α_w 0.15 (H) Class E

Formwork Function Plus™ ΔL_w 25dB

Sound absorption coefficient α_s

FREQUENCY (Hz)	Cushion α_s	Function Plus™ α_s
100	0.03	-0.01
125	-0.01	0.00
160	0.04	-0.01
200	0.02	0.04
250	0.02	0.02
315	0.06	0.03
400	0.11	0.04
500	0.28	0.05
630	0.51	0.07
800	0.30	0.09
1000	0.24	0.13
1250	0.22	0.21
1600	0.24	0.31
2000	0.25	0.30
2500	0.28	0.29
3150	0.32	0.32
4000	0.37	0.36
5000	0.32	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	0.25	0.35

α_p values (Function Plus™)					
125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0.00	0.05	0.05	0.15	0.30	0.40

α_w	Class
(overall value)	E
0.25	E

α_w	Class
(overall value)	E
0.15 (H)	E