

USG ME CEILINGS ACOUSTIC PERFORMANCE

PRODUCT NAME	NRC	α_w	CLASS	CAC	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
Athena 16mm	0.70	0.65	Class C	35	0.30	0.35	0.65	0.90	1.00	0.95
Athena 19mm HNRC Concealed Edge	0.65	0.65	Class C	40	0.35	0.45	0.80	0.70	0.65	0.50
Celebretto A1 Pattern with Acoustic Fleece	0.75	0.80	Class B	-	0.70	0.95	0.75	0.75	0.80	0.80
Celebretto A1 Pattern with Acoustic Fleece & 30mm Soft Fiber Infill	1.00	1.00	Class A	34	0.70	0.90	1.00	1.00	1.00	1.00
Celebretto Intersecto A1 Pattern with Acoustic Fleece & 30mm SF Infill	0.70	0.70	Class C	35	0.50	0.60	0.65	0.75	0.70	0.70
Cleanroom™ 15mm Non-Perforated	0.10	0.15	Class E	37	0.35	0.15	0.10	0.10	0.15	0.25
Cleanroom™ 19mm Perforated	0.55	0.60	Class C	38	0.35	0.40	0.65	0.65	0.55	0.50
Cross Fissured 15mm	0.50	-	-	35	0.40	0.35	0.40	0.55	0.70	0.75
Cross Fissured 19mm	0.60	0.60	Class C	37	0.45	0.40	0.50	0.70	0.70	0.60
Auratone Designer Series 19mm QCFSR	0.60	0.60	Class C	35	0.45	0.40	0.50	0.70	0.70	0.60
Auratone Designer Series 19mm QOLPCR	0.65	0.70	Class C	37	0.30	0.45	0.70	0.70	0.70	0.60
Auratone Designer Series 19mm QRDSR	0.60	0.60	Class C	35	0.35	0.40	0.50	0.65	0.80	0.90
Auratone Designer Series 19mm QTPSR	0.70	0.65	Class C	35	0.35	0.40	0.65	0.85	0.85	0.70
Favia 15mm	0.25	0.25	Class E	35	0.35	0.25	0.20	0.20	0.30	0.50
Favia Acoustic 16mm HNRC	0.65	0.60	Class C	35	0.30	0.35	0.60	0.80	0.90	0.85
Favia Acoustic 19mm	0.55	0.55	Class D	37	0.35	0.35	0.45	0.70	0.75	0.65
Glacier™ 19mm	0.65	-	-	35	0.36	0.26	0.55	0.99	1.02	1.02
Halcyon™ 19mm SQ Edge	0.95	0.95	Class A	24	0.50	0.90	1.00	0.90	0.95	0.90
Halcyon™ 25mm SQ Edge	1.00	1.00	Class A	25	0.40	0.90	1.00	0.95	1.00	1.00
Halcyon™ 38mm SQ Edge	1.00	1.00	Class A	31	0.60	0.90	1.00	1.00	1.00	1.00
Halcyon™ Black 19mm SQ Edge	0.95	0.95	Class A	24	0.50	0.90	1.00	0.90	0.95	0.90
Halcyon™ Black 25mm SQ Edge	1.00	1.00	Class A	25	0.40	0.90	1.00	0.95	1.00	1.00
Halcyon™ Black 38mm SQ Edge	1.05	1.00	Class A	31	0.60	0.90	1.00	1.00	1.00	1.00
Halcyon™ Black 40mm SQ Edge with Aluminium Foil	0.90	0.90	Class A	34	0.40	0.70	0.85	1.00	1.00	1.00
Halcyon™ Black 50mm SQ Edge	0.95	0.95	Class A	32	0.60	0.75	0.90	1.00	1.00	1.00
Halcyon™ Healthcare 19mm SQ Edge	0.95	0.95	Class A	24	0.50	0.90	1.00	0.90	0.95	0.90
Halcyon™ Healthcare 25mm SQ Edge	1.00	1.00	Class A	25	0.40	0.90	1.00	0.95	1.00	1.00
Halcyon™ Healthcare 38mm SQ Edge	1.00	1.00	Class A	31	0.60	0.90	1.00	1.00	1.00	1.00
Louna™ Elegant 19mm SQ Edge	0.90	0.95	Class A	25	0.60	0.85	0.85	0.95	1.00	1.00
Louna™ Elegant 19mm Reveal Edge	0.85	0.85	Class B	27	0.55	0.80	0.75	0.90	1.00	1.00
Louna™ Elegant 25mm SQ Edge	0.95	1.00	Class A	26	0.65	0.95	0.90	1.00	1.00	1.00
Louna™ Elegant 25mm SQ Edge Aluminium Foil	0.90	0.90	Class A	35	0.40	0.70	0.85	1.00	1.00	1.00
Louna™ Elegant 25mm Reveal Edge	0.90	0.90	Class A	28	0.60	0.80	0.80	1.00	1.00	1.00
Louna™ Elegant 38mm SQ Edge Aluminium Foil	0.85	0.85	Class B	39	0.45	0.65	0.80	0.95	0.95	0.95
Louna™ Elite 19mm SQ Edge	0.95	0.95	Class A	25	0.60	0.95	0.85	0.95	1.00	1.00
Louna™ Elite 25mm SQ Edge	1.00	1.00	Class A	26	0.60	1.00	0.90	1.00	1.00	1.00
Louna™ HI CAC 43mm	0.85	0.80	Class B	42	0.45	0.50	0.85	1.00	1.00	1.00
Louna™ HI CAC 53mm	0.90	0.80	Class B	41	0.40	0.50	0.90	1.00	1.00	1.00
Louna™ Hygiene 19mm SQ Edge	0.90	0.95	Class A	25	0.60	0.85	0.85	0.95	1.00	1.00
Louna™ Hygiene 19mm Reveal Edge	0.85	0.85	Class B	27	0.55	0.80	0.75	0.90	1.00	1.00
Louna™ Hygiene 25mm SQ Edge	0.95	1.00	Class A	26	0.65	0.95	0.90	1.00	1.00	1.00

USG ME CEILINGS ACOUSTIC PERFORMANCE

PRODUCT NAME	NRC	α_w	CLASS	CAC	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
Louna™ Hygiene 25mm SQ Edge with Aluminium Foil	0.90	0.90	Class A	35	0.40	0.70	0.85	1.00	1.00	1.00
Louna™ Hygiene 25mm Reveal Edge	0.90	0.90	Class A	28	0.60	0.80	0.80	1.00	1.00	1.00
Louna™ Hygiene 38mm SQ Edge with Aluminium Foil	0.85	0.85	Class B	39	0.45	0.65	0.80	0.95	0.95	0.95
Louna™ Natural 15mm	0.90	0.90	Class A	-	0.60	0.85	0.80	0.95	1.00	1.00
Louna™ Natural 19mm	0.95	0.95	Class A	25	0.60	0.90	0.85	1.00	1.00	1.00
Louna Baffle 1800x300x40mm	0.70	0.60	Class C	-	0.20	0.30	0.65	0.90	0.85	0.80
Olympia™ 15mm ClimaPlus™	0.15	0.20	Class E	33	0.35	0.25	0.15	0.15	0.20	0.30
Olympia Micro™ 15mm ClimaPlus™	0.55	0.55	Class D	35	0.35	0.35	0.50	0.65	0.60	0.50
Olympia Micro™ 19mm	0.65	0.70	Class C	37	0.30	0.45	0.70	0.70	0.70	0.60
Olympia Micro™ 19mm HNRC	0.70	0.75	Class C	37	0.45	0.50	0.75	0.85	0.80	0.65
Paraline Baffles A1 Pattern Standard with Plain Border & 50mm SF Infill	0.60	0.55	Class D	-	0.15	0.35	0.50	0.75	0.70	0.60
Paraline Baffles A1 Pattern Fully Perforated & 38mm SF Infill	0.85	0.80	-	-	0.30	0.50	0.90	1.00	1.05	1.00
Radar™ 12mm	0.50	0.50	Class D	35	0.30	0.30	0.40	0.45	0.75	0.85
Radar™ 15mm ClimaPlus™	0.50	0.55	Class D	36	0.40	0.35	0.45	0.60	0.70	0.70
Radar™ 19mm Standard	0.60	0.60	Class C	38	0.35	0.40	0.50	0.65	0.80	0.90
Radar™ 19mm Firechief	0.60	0.55	Class D	38	0.30	0.35	0.50	0.75	0.80	0.75
Radar™ 19mm HRC	0.70	0.65	Class C	40	0.25	0.35	0.65	0.85	0.90	0.90
Radar™ 22mm	0.80	0.75	Class C	39	0.35	0.50	0.75	0.95	1.00	0.90
Radar™ Ceramic 15mm	0.50	-	-	39	0.35	0.28	0.38	0.60	0.76	0.77
Skylite Acoustic 19mm	0.70	0.65	Class C	39	0.30	0.35	0.65	0.90	0.95	0.70
Skylite Clean 15mm	0.60	0.50	Class D	38	0.30	0.30	0.40	0.70	0.95	0.65
Skylite Clean 19mm	0.85	0.85	Class B	31	0.50	0.65	0.85	1.00	0.90	0.65
Skynest Wood Wool 15mm	-	0.50	Class D	-	0.10	0.20	0.50	0.65	0.55	0.65
Skynest Wood Wool 15mm with insulation	-	0.85	Class B	-	0.30	0.65	1.0	0.85	0.75	0.80
Skynest Wood Wool 25mm	-	0.55	Class D	-	0.25	0.50	0.55	0.60	0.65	0.55
Skynest Wood Wool 35mm	-	0.65	-	-	0.30	0.50	0.60	0.60	0.75	0.90
Sonata 19mm	0.75	0.65	Class C	37	0.40	0.40	0.65	0.95	1.00	1.00
Sonata 22mm	0.80	0.75	Class C	40	0.45	0.45	0.75	0.95	1.00	1.00
Sonata Healthcare 19mm	0.75	0.65	Class C	37	0.40	0.40	0.65	0.95	1.00	1.00
Sonata Healthcare 22mm	0.80	0.75	Class C	40	0.45	0.45	0.75	0.95	1.00	1.00
Soundblock Gypsum Ceiling - R6	0.70	0.65	Class C	-	0.55	0.75	0.70	0.65	0.60	0.55
Soundblock Gypsum Ceiling - R6 with 100mm Soft Fiber Infill	0.85	0.55	Class D	-	0.75	0.95	0.95	0.80	0.55	0.40
Taiga 15mm	0.15	0.15	Class E	33	0.35	0.25	0.10	0.15	0.20	0.45
Taiga 19mm - Chessboard Design	0.30	0.30	Class D	35	0.30	0.25	0.25	0.30	0.40	0.60
Taiga 19mm - Comet Line Design	0.30	0.30	Class D	35	0.25	0.25	0.25	0.30	0.35	0.50
Taiga Hygiene 15mm	0.15	0.15	Class E	33	0.35	0.25	0.10	0.15	0.20	0.45
Taiga Perforated 12mm	0.50	0.50	Class D	35	0.25	0.30	0.40	0.55	0.65	0.70
Taiga Perforated 15mm	0.45	0.50	Class D	35	0.35	0.40	0.40	0.55	0.55	0.55
Taiga Perforated 16mm HNRC	0.70	0.60	Class C	37	0.30	0.35	0.70	0.90	0.85	0.75
Taiga Perforated 19mm	0.70	0.65	Class C	37	0.35	0.40	0.65	0.85	0.85	0.70