

AIRE™



IMAGE FEATURES AIRE™ 50MM IN COLOURWAY #365 (TRIMMED INTO CEILING TILES) AND AIRE™ 25MM IN COLOURWAY #454 (RIGHT WALL)

PRODUCT SPECIFICATIONS

COLOURS:	8
CORE COLOURS:	● WHITE ● BLACK
DIMENSIONS:	2800MM (+/-10MM) X 1210MM (+/-5MM)
THICKNESS:	25MM (+/-2MM) 50MM (+/-2MM)
WEIGHT:	25MM: 2650g/M ² (+/-10%) 50MM: 4000g/M ² (+/-10%)

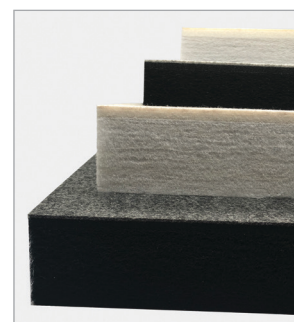
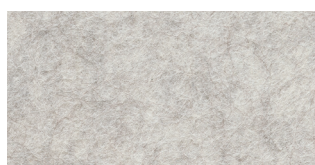


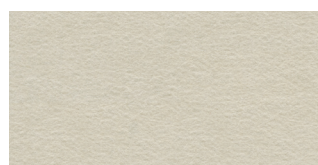
IMAGE SHOWS AIRE™ IN PROFILE



101



454



908



458



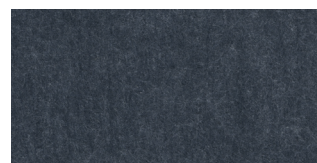
402



442



542



365





IMAGE FEATURES TRIMMED AIRE™ 50mm IN COLOURWAY #101

PRODUCT PERFORMANCE

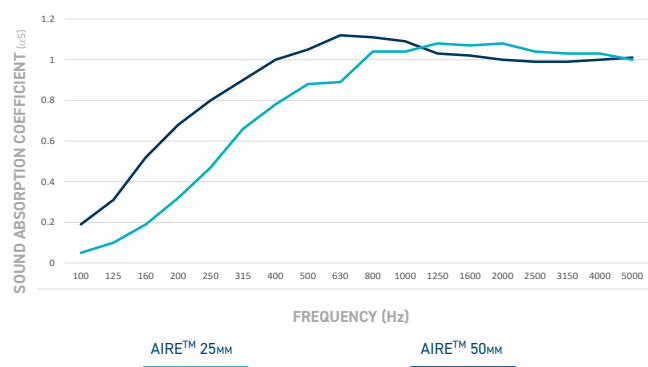
FIRE TEST: ISO 9705: GROUP 1

SOUND ABSORPTION (ACCORDING TO ISO 354)

	AIRE™ 25mm ⁱ	AIRE™ 50mm ⁱⁱ
WEIGHTED SOUND ABSORPTION COEFFICIENT (α_w) ⁱⁱⁱ	0.8 (H)	1
SOUND ABSORPTION CLASS ⁱⁱⁱ	B	A
SOUND ABSORPTION AVERAGE (SAA) ^{iv}	0.86	0.98
NOISE REDUCTION COEFFICIENT (NRC) ^{iv}	0.85	1.00

PRACTICAL SOUND ABSORPTION COEFFICIENT (α_p)

FREQUENCY (Hz)	AIRE™ 25mm α_p	AIRE™ 50mm α_p
125	0.10	0.35
250	0.50	0.80
500	0.85	1.00
1000	1.00	1.00
2000	1.00	1.00
4000	1.00	1.00



ⁱ Test conducted using 3m x 3.6m sample, on 10mm plasterboard (typical wall application) placed directly on chamber floor.

ⁱⁱ Test conducted using 3.2m x 3.6m sample, placed directly on chamber floor.

ⁱⁱⁱ As defined by the ISO 11654 Standard.

^{iv} As defined by ASTM C423 Standard.