

Soundcore™

Severe Duty Acoustic Door Core



TRIED & TESTED

Soundcore™ is a specialist acoustic core for high-end applications.



WHY SPECIFY SOUNDCORE™?

- **High Performance** - the engineered performance has been tested to achieve a severe duty rating for durability.
- **High Acoustic Performance** - up to 44RwdB
- **Flexibility in Design** - certification covers a wide range of door sizes, fire ratings, glazing and acoustic options.
- **Engineered Materials** - this ensures that the materials within the door construction are defect free.
- **Environmentally Friendly** - Ahmarra is an FSC® certified (FSC C018847) company.

Environmental credentials	FSC® certified (FSC C018847) View EPD
Independent third-party certification	BM TRADA
Fire rating	Available in FD30 and FD60
Acoustic rating	Up to 44RwdB

FD30 Specifications

Weight: 30 kg m²
Width: 44mm
U-Value (W/km²): 1.9

FD60 Specifications

Weight: 35 kg m²
Width: 54mm
U-Value (W/km²): 1.9

SUMMARY OF TESTING PROCEDURE	RESULT
Sound reduction performance in accordance with BS EN ISO 140-3	Up to 44RwdB
BS EN 947, EN 948, EN 949 and EN 950 (classified to BS EN 1192 mechanical strength)	Severe Duty, Class 4
BS EN 1191 (classified to BS EN 12400 mechanical durability)	Severe Duty, Class 8, Completed 500,000 Cycles
Hygrothermal DIN EN 12219 : 2000-06	Up to Class 3

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