# Severe Duty Door Core

### **TRIED & TESTED**

Severecore<sup>™</sup> is a solid three layer particle board, achieving severe duty under the classification standard BS EN 12400:2002.





#### WHY SPECIFY SEVERECORE<sup>™</sup>?

- **High Performance** the engineered performance has been tested to achieve a severe duty rating for durability.
- **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** all materials are FSC certified and fully sustainable.

Environmental credentials	FSC certified	
Independent third party certification	BMTRADA	
Fire rating	Available in FD30, FD60 and FD90	
Acoustic rating	Up to 35RwdB	

**FD30 Specifications** Weight: 27.3 kg m2 Width: 44mm U-Value (W/km2): 2.0

#### FD60 Specifications

Weight: 33.5 kg m2 Width: 54mm U-Value (W/km2): 1.8

**FD90 Specifications** Weight: 40.3 kg m2 Width: 64mm

SUMMARY OF TESTING PROCEDURE	RESULT	
DD1171 Clauses 4.3, 4.4, 4.9, 4.10, 4.11	Severe Duty	
BS EN 947, EN948, EN949 and EN950	Severe Duty	
BS EN1191 Class 6 (with classification according to BS EN 12400)	Completed 250,000 cycles, Class 6, Frequent Duty	
Operating forces evaluated according to PAS 24		

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