

MECHANICAL & PHYCAL PROPERITIES



FD120 TDS



Fire Door
Manufacture



CONFORMITY
CERTIFICATION
SERVICES (UK) LTD



ARCHITECTURAL
WOODWORK
INSTITUTE

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www.woodshop.eg



PRODUCT DATA SHEET

MECHANICAL & PHYSICAL PROPERTIES

FD 120

TYPE:	40mm 'FireBAN' particleboard ,2 side 8mm MGO board density 900 kg/m ³ inner facing and 2 side 4mm MDF density 750 kg/m ³ outer facing with high performance confirm to BS Standards
COMPOSITION:	100% of selected recycled softwood, hard wood, Vermiculite, resin, sawmill residues, carpenters residues
FIRE PERFORMANCE STANDARD:	B.S 476 Part 22
ASSESSMENT REPORT:	PAR 13335 Rev. A / 01 & Chilt / A13194 Rev. A
FIRE BEHAVIOR CATEGORY:	Resist Fire for 120 Minutes
CERTIFICATION:	IFC - FRTD483 & BM TRADA - 589
GREEN PRODUCT:	FSC – TT-COC-004433
ENVIRONMENT FOOT PRINT:	100% Recycled product
DENSITY:	600 Kg /m ³ ±10
WATER ABSORPTION:	6.7%
INTERNAL BONDING STRENGTH:	0.42 MPa
SURFACE BONDING STRENGTH:	1.0 MPa
MOISTURE CONTENT:	2± 10-08
BOARD THICKNESS:	64mm 0.3±
BOARD SIZE:	935 x 2135 x 64 mm, 1220 x 2440 x 64 mm
BOARD SURFACE:	-----
EMISSION CLASSIFICATION:	E 1 according to EN 120 Content < 24mg /100g
ACOUSTIC PERFORMANCE:	Has potential to provide RW 34 dB when used with suitable seal