

# MECHANICAL & PHYCAL PROPERITIES



# FD90 TDS



Fire Door  
Manufacture



CONFORMITY  
CERTIFICATION  
SERVICES (UK) LTD



ARCHITECTURAL  
WOODWORK  
INSTITUTE

01067810000

01011770000 - 01066440000

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**PRODUCT DATA SHEET**

**MECHANICAL & PHYSICAL PROPERTIES**

**FD 90**

<b>TYPE:</b>	Three Layer particleboard with high performance Confirm to BS Standards
<b>COMPOSITION:</b>	100% of selected recycled softwood , hard wood , Vermiculite , resin , sawmill residues , carpenters residues
<b>FIRE PERFORMANCE STANDARD:</b>	B.S 476 Part 22
<b>ASSESSMENT REPORT:</b>	PAR 01 / 11018 Rev. C & Chilt / A12069 Rev. D
<b>FIRE BEHAVIOR CATEGORY:</b>	Resist Fire for 90 Minutes
<b>CERTIFICATION:</b>	IFC - FRTD483 & BM TRADA - 589
<b>GREEN PRODUCT:</b>	FSC – TT-COC-004433
<b>ENVIRONMENT FOOT PRINT:</b>	100% Recycled product
<b>DENSITY:</b>	600 Kg /m <sup>3</sup> ±10
<b>WATER ABSORPTION:</b>	6.72%
<b>INTERNAL BONDING STRENGTH:</b>	0.40 MPa
<b>SURFACE BONDING STRENGTH:</b>	1.12 MPa
<b>MOISTURE CONTENT:</b>	08-10 ±2
<b>BOARD THICKNESS:</b>	64mm ±0.3
<b>BOARD SIZE:</b>	935 X 2135 X 64 mm , 1220 x 2440 x 64 mm
<b>BOARD SURFACE:</b>	-----
<b>EMISSION CLASSIFICATION:</b>	E 1 according to EN 120 Content < 24mg /100g
<b>ACOUSTIC PERFORMANCE:</b>	Has potential to provide RW 34 dB when used with suitable seal