

## Product Description

Arak fire door blanks feature AXIS unique 3-layer particle board. Specifically designed for the purpose, using a complex combination of chemical and engineering development, these blanks produce doors of altogether superior quality, strength and overall performance.

Additional decorative finish if required - primer, paint or varnish

Veneer, Formica or timber depending on chosen finish

Solid softwood core (material may vary)

Veneer, Formica or timber depending on chosen finish

Additional decorative finish if required - primer, paint or varnish



# FIRE RATED DOOR CORES

ENHANCING  
FIRE SAFETY

2025

## Technical Data Sheet



## AXIS FD30 44mm

Fire Rated Interior Grade Door Blanks

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# Technical Data Sheet

PROUDUCT TYPE	AXIS FD30 3-layer particle board developed as a high performance door core
INTENDED USE	For internal (non-structural )use in domestic and commercial premises in dry conditions
BOARD SURFACE	Smooth, suite able for Veneer, Laminate, PVC and Paint
COMPOSITION	Produced with recycled soft wood, hard wood and Vermiculite resin.
TESTED IN ACCORDANCE WETH	BS 476: Part 1987 :22, BS EN 2008/1:2000-1634 & BS EN 1:1999-1363
FIRE RESISTANCE	BS476: Part 1987
STANDARD CIRTIFIDE	IFCC - CERTIFICATE NO : 1621
ASSESSMENT REPORT REF	PAR/21119/02
FIRE BEHAVIOR CATEGORY	Resist Fire up to 30 Minutes
ENVIRONMENTAL	%100 Recycled Product
DENSITY	600 Kgs / m3 ± 10
Weight	+/- 27.7 kg / m2
SURFACE BENDING STRENGTH	1.1 MPa
INTERNAL BENDING STRENGTH	0.39 MPa
MOISTURE EX-FACTORY	08 -10 ± 2
FORMALDEHYDE RELEASE	E 1 - <8mg / 100g
BOARD THICKNESS	44mm ± 0.3
SIZES AND AVAILABILITY	915*2135*44mm 1045*2155*44mm 1220*2440*44mm
ACOUSTIC PERFORMANCE	Single Doors (Unglazed 33dB/Rw/Glazed 35dB/Rw) Double Doors(Unglazed 32dB/Rw/Glazed 35dB/Rw)



## AXIS PLUS FD60 50mm

Fire Rated Interior Grade Door Blanks

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PROUDUCT TYPE	AXIS FD60 3-layer particle board developed as a high performance door core
INTENDED USE	For internal (non-structural )use in domestic and commercial premises in dry conditions
BOARD SURFACE	Smooth, suite able for Veneer, Laminate, PVC and Paint
COMPOSITION	Produced with recycled soft wood, hard wood and Vermiculite resin.
TESTED IN ACCORDANCE WETH	BS 476: Part 1987 :22, BS EN 2008/1:2000-1634 & BS EN 1:1999-1363
FIRE RESISTANCE	BS476: Part 1987
STANDARD CIRTIFIDE	IFCC - CERTIFICATE NO : 1621
ASSESSMENT REPORT REF	PAR/21119/02
FIRE BEHAVIOR CATEGORY	Resist Fire up to 60 Minutes
ENVIRONMENTAL	%100 Recycled Product
DENSITY	600 Kgs / m3 ± 10
Weight	± 30.3 kg m2
SURFACE BENDING STRENGTH	1.1 MPa
INTERNAL BENDING STRENGTH	0.39 MPa
MOISTURE EX-FACTORY	08 -10 ± 2
FORMALDEHYDE RELEASE	E 1 - <8mg / 100g
BOARD THICKNESS	50mm ± 0.3
SIZES AND AVAILABILITY	915*2135*54mm 1045*2155*54mm 1220*2440*54mm
ACOUSTIC PERFORMANCE	Single Doors (Unglazed 34dB/Rw/Glazed 36dB/Rw) Double Doors(Unglazed 33dB/Rw/Glazed 35dB/Rw)





## AXIS FD60 54mm

Fire Rated Interior Grade Door Blanks

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FIRE SAFETY

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PROUDUCT TYPE	AXIS FD60 3-layer particle board developed as a high performance door core
INTENDED USE	For internal (non-structural )use in domestic and commercial premises in dry conditions
BOARD SURFACE	Smooth, suite able for Veneer, Laminate, PVC and Paint
COMPOSITION	Produced with recycled soft wood, hard wood and Vermiculite resin.
TESTED IN ACCORDANCE WETH	BS 476: Part 1987 :22, BS EN 2008/1:2000-1634 & BS EN 1:1999-1363
FIRE RESISTANCE	BS476: Part 1987
STANDARD CIRTIFIDE	IFCC - CERTIFICATE NO : 1621
ASSESSMENT REPORT REF	PAR/21119/02
FIRE BEHAVIOR CATEGORY	Resist Fire up to 60 Minutes
ENVIRONMENTAL	%100 Recycled Product
DENSITY	600 Kgs / m3 ± 10
Weight	± 37 kg m2
SURFACE BENDING STRENGTH	1.1 MPa
INTERNAL BENDING STRENGTH	0.39 MPa
MOISTURE EX-FACTORY	08 -10 ± 2
FORMALDEHYDE RELEASE	E 1 - <8mg / 100g
BOARD THICKNESS	54mm ± 0.3
SIZES AND AVAILABILITY	915*2135*54mm 1045*2155*54mm 1220*2440*54mm
ACOUSTIC PERFORMANCE	Single Doors (Unglazed 34dB/Rw/Glazed 36dB/Rw) Double Doors(Unglazed 33dB/Rw/Glazed 35dB/Rw)



## AXIS FD90 64mm

Fire Rated Interior Grade Door Blanks

## ENHANCING FIRE SAFETY

2025

PROUDUCT TYPE	AXIS FD90 3-layer particle board developed as a high performance door core
INTENDED USE	For internal (non-structural )use in domestic and commercial premises in dry conditions
BOARD SURFACE	Smooth, suite able for Veneer, Laminate, PVC and Paint
COMPOSITION	Produced with recycled soft wood, hard wood and Vermiculite resin.
TESTED IN ACCORDANCE WETH	BS 476: Part 1987 :22, BS EN 2008/1:2000-1634 & BS EN 1:1999-1363
FIRE RESISTANCE	BS476: Part 1987
STANDARD CIRTIFIDE	IFCC - CERTIFICATE NO : 1621 CCS - CERTIFICATE NO : PC 293
ASSESSMENT REPORT REF	PAR/21119/02
FIRE BEHAVIOR CATEGORY	Resist Fire up to 90 Minutes
ENVIRONMENTAL	%100 Recycled Product
DENSITY	850 Kgs / m3 $\pm$ 10
Weight	$\pm$ 40.3 kg m2
SURFACE BENDING STRENGTH	1.0 MPa
INTERNAL BENDING STRENGTH	0.42 MPa
MOISTURE EX-FACTORY	08 -10 $\pm$ 2
FORMALDEHYDE RELEASE	E 1 - <7.9mg / 100g
BOARD THICKNESS	64mm $\pm$ 0.3
SIZES AND AVAILABILITY	915*2135*64mm 1045*2155*64mm 1220*2440*64mm
ACOUSTIC PERFORMANCE	Single Doors (Unglazed 35dB/Rw/Glazed 36dB/Rw) Double Doors(Unglazed 33dB/Rw/Glazed 35dB/Rw)



Technical Data Sheet

## AXIS FD120 64mm

Fire Rated Interior Grade Door Blanks

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# Technical Data Sheet

PROUDUCT TYPE	AXIS FD120 3-layer particle board developed as a high performance door core
INTENDED USE	For internal (non-structural )use in domestic and commercial premises in dry conditions
BOARD SURFACE	Smooth, suite able for Veneer, Laminate, PVC and Paint
COMPOSITION	Produced with recycled soft wood, hard wood and Vermiculite resin.
TESTED IN ACCORDANCE WETH	BS 476: Part 1987 :22, BS EN 2008/1:2000-1634 & BS EN 1:1999-1363
FIRE RESISTANCE	BS476: Part 1987
STANDARD CIRTIFIDE	IFCC - CERTIFICATE NO : 1621 CCS - CERTIFICATE NO : PC 293
ASSESSMENT REPORT REF	PAR/21119/02
FIRE BEHAVIOR CATEGORY	Resist Fire up to 120 Minutes
ENVIRONMENTAL	%100 Recycled Product
DENSITY	850 Kgs / m3 ± 10
Weight	±\ 48 kg m2
SURFACE BENDING STRENGTH	1.0 MPa
INTERNAL BENDING STRENGTH	0.42 MPa
MOISTURE EX-FACTORY	08 -10 ± 2
FORMALDEHYDE RELEASE	E 1 - <7.9mg / 100g
BOARD THICKNESS	64mm ± 0.3
SIZES AND AVAILABILITY	915*2135*64mm 1045*2155*64mm 1220*2440*64mm
ACOUSTIC PERFORMANCE	Single Doors (Unglazed 34dB/Rw Double Doors(Unglazed 36dB/Rw



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### FD30 44mm

- 44mm Internal Fire Door Blank
- Fire Rated to 30 minutes
- Weight +/- 27.7 kg m<sup>2</sup>

SIZES	915*2135
AVAILABILITY	1045*2155
	1070*2200



### FD60 PLUS 50mm

- 50mm Internal Fire Door Blank
- Fire Rated to 60 minutes
- Weight +/- 30.3 kg m<sup>2</sup>

SIZES	915*2135
AVAILABILITY	1045*2155
	1070*2200



### FD60 54mm

- 54mm Internal Fire Door Blank
- Fire Rated to 60 minutes
- Weight +/- 33.5 kg m<sup>2</sup>

SIZES	915*2135
AVAILABILITY	1045*2155
	1070*2200



### FD90 60mm

- 60mm Internal Fire Door Blank
- Fire Rated to 90 minutes
- Weight +/- 33.5 kg m<sup>2</sup>

SIZES	915*2135
AVAILABILITY	1045*2155
	1070*2200



### FD90 64mm

- 64mm Internal Fire Door Blank
- Fire Rated to 90 minutes
- Weight +/- 40.3 kg m<sup>2</sup>

SIZES	915*2135
AVAILABILITY	1045*2155
	1070*2200



### FD120 64mm

- 64mm Internal Fire Door Blank
- Fire Rated to 120 minutes
- Weight +/- 48 kg m<sup>2</sup>

SIZES	915*2135
AVAILABILITY	1045*2155
	1070*2200

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# MULTIPLE SIZES OPTIONAL



Provide a variety of specifications  
Customized, specific contact  
Customer service

## How To Determine A Quality Fire Door



### **Axis** Fire Rated Door Core

is provides you with full integrity and insulation performance.  
It is designed to be used for fabrication of fire doors with solid core.