

# MARKSMAN

Exclusively available from Wood International Agency Limited, the Q Mark certified MARKSMAN™ internal door system is based around a versatile graduated timber particleboard core aimed at internal door producers, ready for veneer, laminate or paper based decorative facings.

Manufactured to precise tolerances, containing both sustainable virgin and recycled timber, supplied FSC® certified as standard. MARKSMAN™ meets all due diligence requirements of the EU Timber Regulation (EUTR) and UK Timber Regulations (UKTR) for added peace of mind.

## SET YOUR SIGHTS ON BETTER DOORSETS



### Targeted Transparent Testing

The Marksman™ internal door system has been developed to fulfil the needs of bespoke and series internal door manufacturers, tested as full doorsets in real-life configurations.

Primary test evidence also supports; arisised door and frame edges, engineered and natural timber lippings and door frames, clear unwired fire glass in vision panels, fanlights and sidelights, decorative grooves in door faces and some of the most popular seals and ironmongery available on the market.

### Support and Service

Wood International Agency have a dedicated team for all their door products and systems, ensuring all WIA door products:-

- are continually developed and improved
- hold appropriate evidence to the required standards
- can be supplied from stock held in the UK
- follow the WIA policy for environmental sustainability
- come with unrivalled technical support
- are competitively priced

#### VERSATILE

Developed to enable doorset designs that include decorative face grooves, large glazed areas, concealed closers along with a wide range of ironmongery, seals and engineered timber components.

#### FIRE RESISTANT

Tested both opening towards and away from the furnace in full doorsets. Exceeding 30 minutes when tested both to UK National (BS 476-22) and European (BS EN 1634-1) standards.

#### LIGHTWEIGHT

At around 45kg per 915x2135x44 blank (535kg/m<sup>3</sup>), MARKSMAN™ improves tool longevity and reduces operative fatigue.

#### SUSTAINABLE

FSC®-certified as standard. Containing virgin timber from sustainably managed forests and a high percentage of post-consumer recycled timber.



## PRODUCT PERFORMANCE - MARKSMAN 44

CHARACTERISTIC	CLASSIFICATION/ANNOTATION	STANDARD	DOCUMENT/REFERENCE
Fire Resistance	FD30	BS476-22	WF546313
Acoustic	Fully Caulked 32-33dB Rw Unsealed 24-26dB Rw Operational 29-33dB Rw	ISO 101-2	24014-R01-A
Thickness	44mm (±0.2mm)	BS EN 324-1	Wood IA rev B 10/11/2023
Dimensions	±2mm	BS EN 324-1	Wood IA rev B 10/11/2023
Squareness Tolerance	±2mm (diagonal of 1000mm)	BS EN 324-2	Wood IA rev B 10/11/2023
Density	535kg/m <sup>3</sup> (±15kg/m <sup>3</sup> )	BS EN 323	Wood IA rev B 10/11/2023
Moisture Content	7-10%	BS EN 322	Wood IA rev B 10/11/2023
Swelling in Thickness (24 hrs)	<18%	BS EN 317	Wood IA rev B 10/11/2023
Internal Bond	0.16MPa	BS EN 319	Wood IA rev B 10/11/2023
Bending Strength	7.5MPa	BS EN 310	Wood IA rev B 10/11/2023
Modulus of Elasticity in Bending	1400MPa	BS EN 310	Wood IA rev B 10/11/2023
Surface Soundness	0.8MPa	BS EN 311	Wood IA rev B 10/11/2023
Formaldehyde Content	E1 (<8mg/100g dry board)	ISO 12460-5	Wood IA rev B 10/11/2023

## PRIORITISING SAFETY

Fire safety in construction products is a priority for Wood International Agency. That is why Marksman™ is not only routinely tested exclusively at accredited laboratories, but is also certified by Q Mark, one of the most respected and stringent Third-Party Certification schemes in the world.

All fire and smoke tests conducted are with fully sampled specimens. This means the entire production process is independently witnessed and verified from start to finish.

By following this process, we can assure door manufacturers using our systems that the finite details we advise, is based on evidenced good practice.



All primary test evidence detailed herein or relating to associated documentation for fire resistance has been conducted in UKAS accredited laboratories.