

Sustainable

Internal Flush Timber Doors
Using EGGER Cores & Surfaces



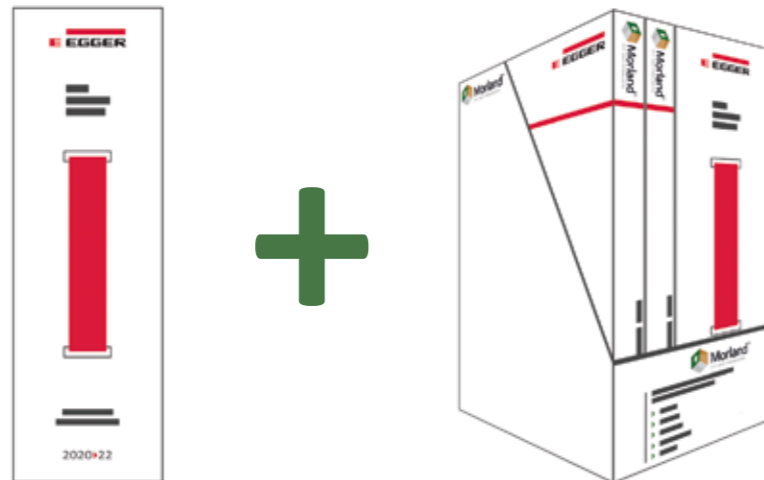
Why Morland?

Morland are a UK based supplier of timber fit out products. We manufacture internal flush timber doors, architectural profiles and decorative panels.

Based on EGGER's melamine faced chipboard and matching laminates, Morland manufacture doors and wrapped timber profiles that produce stylish, suited interiors on mass market budgets.

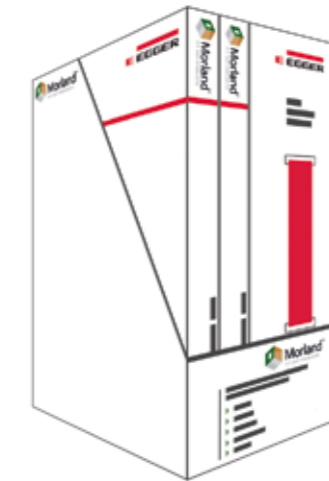
Use with EGGER Decorative Collection

- ▼ For decor choices please refer to EGGER Decorative Collection 2020 - 22
- ▼ For details on Internal Flush Timber Doors please refer to Morland Collection



www.morlanduk.com/doors

Morland Collection



A collection of booklets and materials that tell you everything you need to know about Morland doors...

- ▶ Samples
Sample folder.
- ▶ Introduction
Overview of Morland doors.
- ▶ Safe
Safety performance of doors.
- ▶ Sound
Acoustic performance of doors.
- ▶ Suited
Incorporating doors & frames into designs.
- ▶ Sustainable
Environmental impact.
- ▶ Sets
Morland doorsets.

Sustainable Forestry

Morland takes sustainability seriously. As does EGGER.

All the doors in this collection are manufactured using FSC® Certified sustainable forestry.



The mark of responsible forestry

Range At A Glance

- ▶ All doors are FSC® Certified.*
- ▶ 44mm fire doors are UK origin timber.
- ▶ Solid core doors have class 4 durability- severe contract use.

DOOR TYPE	CORE ORIGIN	CERTIFICATE NUMBER SA-COC-004316
Hollow Core		
Melamine Faced	Austria	FSC® Mix 70%
Laminate Faced	Austria	FSC® Mix 70%
Solid Core Melamine Faced		
44mm FD30	UK	FSC® Mix 70%
54mm PAS24	UK	FSC® Mix 70%
Solid Core Laminate Faced		
44mm FD30	UK	FSC® Mix 70%
54mm FD30	UK	FSC® Mix 70%
54mm FD60	Europe	FSC® Mix 70%

“There’s a great deal of emphasis placed here on making sure all of our raw materials are sourced from sustainable resources”

Terry Hughes - Morland Supply Chain Manager

*Subject to minimum order quantities

Lifespan

Morland takes a holistic view of our door production, considering not just the origins of the timber but also the lifespan of the door.

Doors are one of the few moving parts in a building structure and as such are subject to wear and tear.

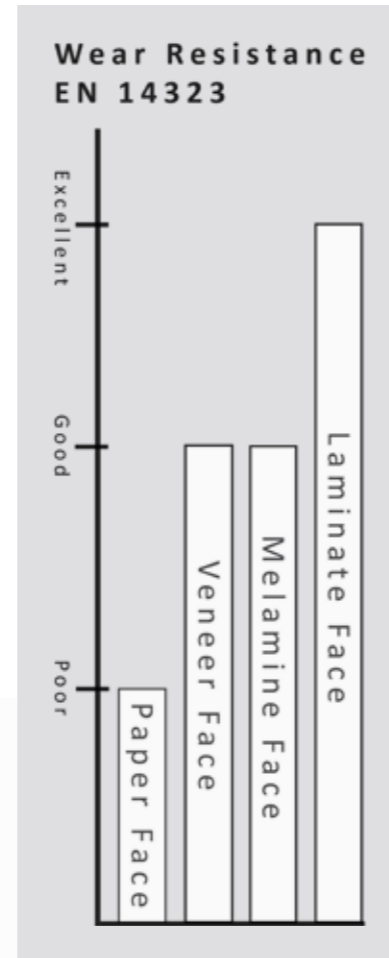
- ▶ Face Wear.
- ▶ Edge Damage.
- ▶ Colour Lightfastness.
- ▶ Hinge & Closer Failure.



Door Face Wear

Human traffic using doors, leads to surface wear.

- ▶ Laminate faced doors out-perform all other doors.
- ▶ Melamine is broadly similar to veneers and out-performs paper faced doors.



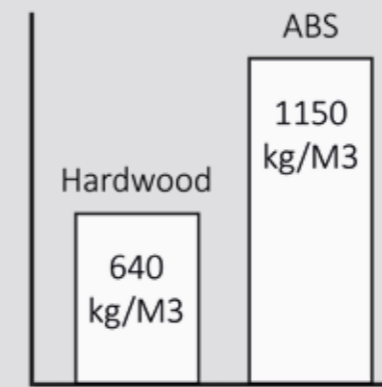
Edge Damage

At Morland our melamine and laminate faced doors are lipped with ABS lipping on all four sides.

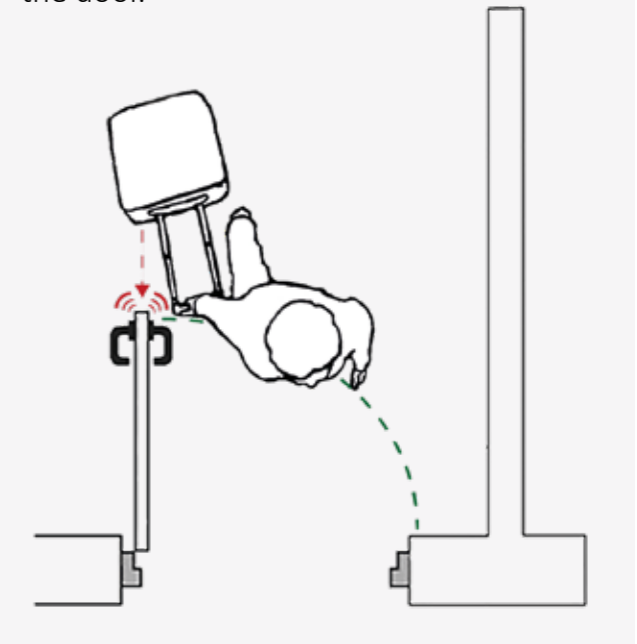
How durable is ABS Lipping?

ABS is >1150kg/M³.
80% greater density than hardwood.

So the doors stay looking better for longer.



Door edge damage is often caused by luggage. So door edge impact resistance is critical to extending the lifespan of the door.



- ▶ ABS lipping is 80% denser than hardwoods, extending the lifespan of the door.
- ▼ For physical examples refer to Morland Samples.



Colour Lightfastness

The blue wool scale is an internationally recognised standard that measures and calibrates the permanence of colour.

Morland doors achieve 4 to 5 on the blue wool scale for lightfastness.

The lifespan of Morland doors for lightfastness is rated at between 15 and 50 years.

DESCRIPTION	BLUE WOOL RATING	NORMAL CONDITIONS OF DISPLAY
Very poor lightfastness	1	Less than 2 years
Poor lightfastness	2	2- 15 years
	3	
Fair lightfastness	4	15- 50 years
	5	
Very good lightfastness	6	50- 100 years
Excellent lightfastness	7	Over 100 years

Hinge Or Closer Failure

Perhaps the most common cause of issues with commercial doors, is failure of the hinge and closer fixings.

Fixings start to fail, the door works loose, binds in the frame and often requires replacing.

Morland are able to provide a solution to meet every durability category of EN1192:2000.

CLASS	CATEGORY OF DUTY	DESCRIPTION	MORLAND SOLUTION
1 - 2	Light to medium duty	Residential hollow core doors low usage	Hollow core 35mm
2 - 3	Medium to heavy duty	Medium use where there is some chance of damage	Solid core 35mm
3 - 4	Heavy to severe duty	High use without care e.g. school classrooms	Solid core 44mm
4	Severe duty	Subject to frequent violent usage e.g. school corridors	Solid core 44mm

Door classification of strength requirement to EN1192:2000.

Sustainability & Lifespan

Morland sustainability isn't just about sustainable materials but also the lifespan of the product.

FSC® Certified Material
minimum of 70% claim

Face Wear Resistance
Excellent or good to EN 14323
Performs similarly or better
than veneer faced doors

Colour Lightfast
4 to 5 on Blue Wool Scale
Up to 50 year lifespan



Hinge & Closer Resistance
Class 4 Severe Duty EN 1192:2000
Subject to frequent violent usage

Edge Damage
ABS lipping at 1150kg/M³
80% denser than hardwoods

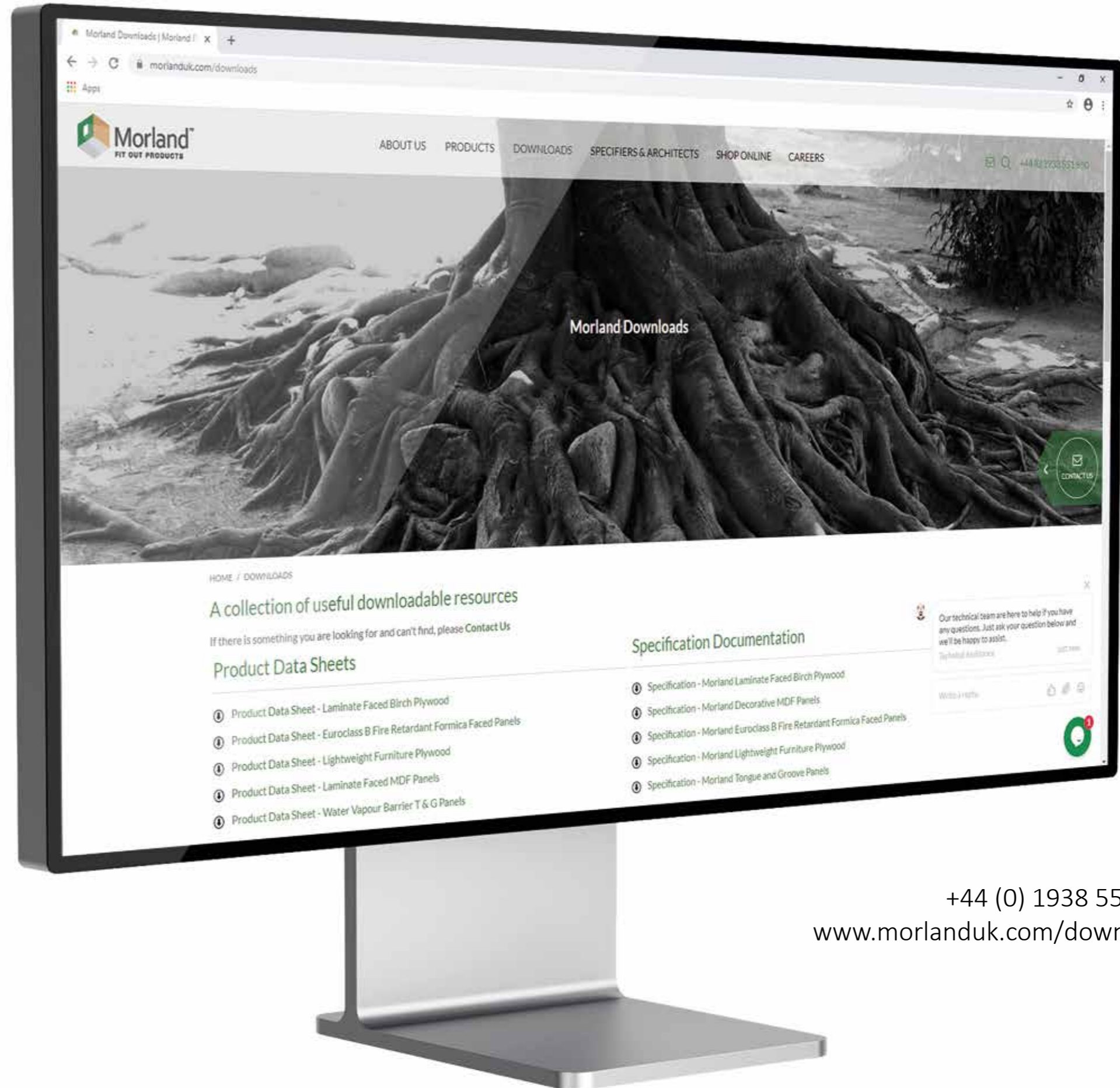
Support

All Morland delivery notes and invoices reference our FSC® certificate SA-COC-004316

- ▶ Our full environmental policy statement can be found on www.morlanduk.com/downloads
- ▶ Our FSC® certificate can be found on www.morlanduk.com/downloads

On Product Labelling:

Morland doors are labelled with FSC® stickers to assist clients in identifying them as produced from sustainable wood sources.



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www.morlanduk.com

www.egger.com

Morland Provide...

- ▶ Melamine & Laminate faced doors
- ▶ Door blanks lipped with ABS edging to create high performance door leafs
- ▶ MDF moulded and wrapped for door frames and finishing timbers
- ▶ Performance door sets machined and assembled
- ▶ Third party certification with Certifire



Safe Sound Suited Sustainable Sets