

## Moralt Door Kit

# A PASSIVE HOUSE COMPLIANT DOOR KIT WITH ACCESSORIES.



CE-MARKED – EN14351-1:2006, EXTERNAL WINDOWS & DOORS



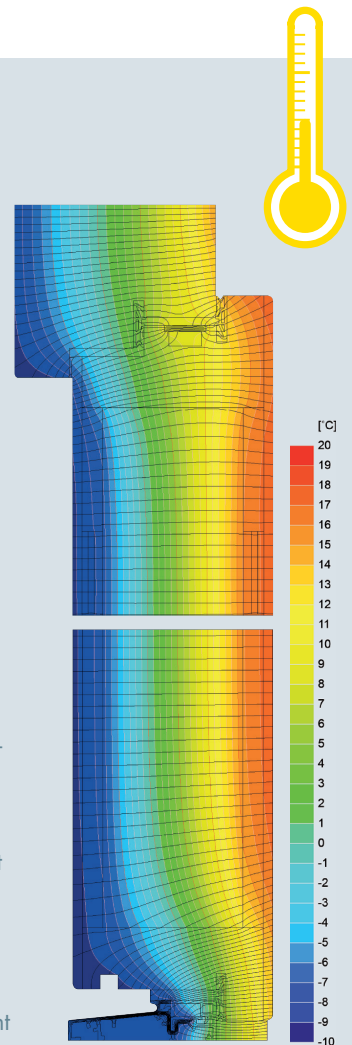
### Passivhaus – Passive House

A Passive House is a building in which a comfortable interior climate can be maintained without active heating and cooling systems. The house heats and cools itself, hence the term “passive”.

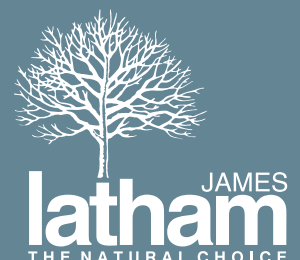
**Typically a Passive House operates on the following basis:**

- passive external heat gains from the sun as well as internal gains from appliances and the building's occupants
- significantly notable levels of airtightness and insulation with minimal thermal bridges
- a high level of internal air quality provided by a mechanical ventilation system that recovers heat efficiently

The inclusion of high level thermally insulated windows and doors is critical in achieving these criteria. This Passive House Institute certified component is your opportunity to participate in this exciting new concept.



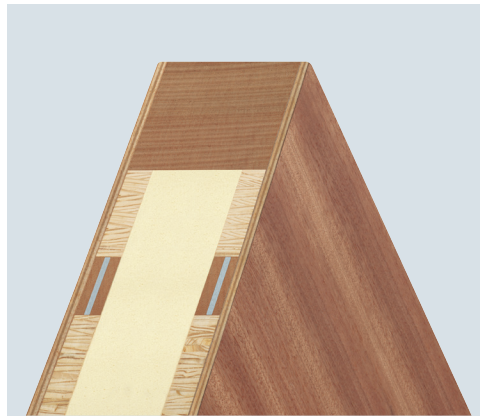
Passage of temperature through the door element





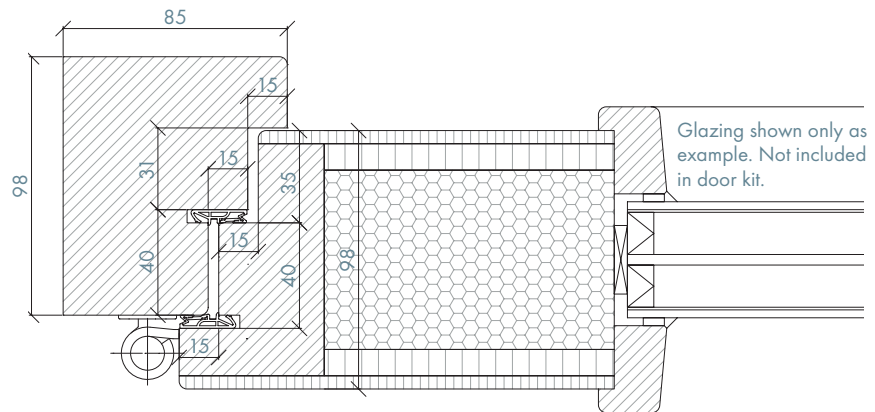
- The Moralt Passive House door blank is a certified Passive House component from the Passive House Institute in Darmstadt, Germany.
- The Passive House door blank has a U Value of 0,54 W/m²K; the Passive House door, as supplied in kit form by James Latham has a U Value of ≤ 0,80W/m²K (with and without glazing).
- The Moralt Passive House door blank is CE certified (EN14351-1:2006 External Doors and Windows) and attains the best results in all mandatory aspects of this standard. Eg, wind-load resistance EN 12210, security classification WK2 (door blank resistance classification 3) ENV 1627, airtightness classification EN 12207.

## DOOR BLANK



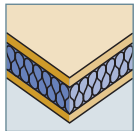
MORALT FERRO PASSIV HOUSE DOOR KIT	
Maximum manufacturing sizes	
Frame size	upto 1.200 x 2.520 mm
Blank Size	upto 1.150 x 2.470 mm
Door blank thickness 98 mm	
Facings 5 mm thick	
MDF*	exterior grade
Meranti	5 ply long grain Fineline veneer
Okoume*	5 ply long grain sliced veneer
Oak	5 ply long grain sliced veneer
Pine	5 ply long grain Fineline veneer
Stiles & Rails and door frames engineered solid timber	
Meranti*	when Okoume or Meranti facings
Oak*	when Oak facings
Pine*	when Pine or MDF facings

\* available with FSC certification

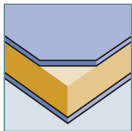


## WHAT IS INCLUDED IN THE DOOR KIT?

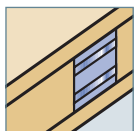
MORALT STANDARD COMPONENT PACKAGE	
Door	Moralt FERRO Passiv
Frame	3 Pieces
Hinges	Simonswerk BAKA 2D 20 FD
Lock	3 Point Lock
Threshold	GU Systemhaustürschwelle
Seal	Deventer DS 155a anthrazit
Packaging	Boxed with foam corners



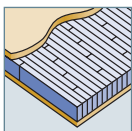
**Solid PU thermal core**



**Exterior grade MDF faces**



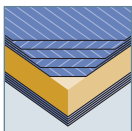
**Flat steel stabilizer**



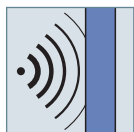
**Laminated core**



**Robust construction**



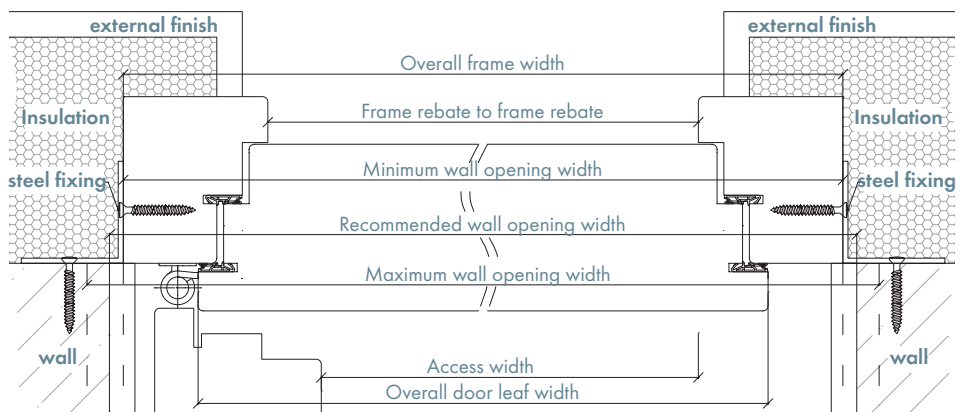
**Decorative 5-ply faces on request**



**Acoustic insulation dB 43 on request**



**Fire-rating FD 30/EI 30 on request**



### Any questions?

Further information and samples can be obtained from the James Latham marketing department. Phone: 0116-257-3415  
Email: [marketing@lathams.co.uk](mailto:marketing@lathams.co.uk) or click on [www.lathamtimber.co.uk](http://www.lathamtimber.co.uk)