

iMpero pocket door systems

In the UK there is an increasingly stark requirement for high quality housing, however, as population densities increase and average property sizes decrease, the need to develop innovative ways of utilising the finite space available is facilitating the development of new products and solutions.

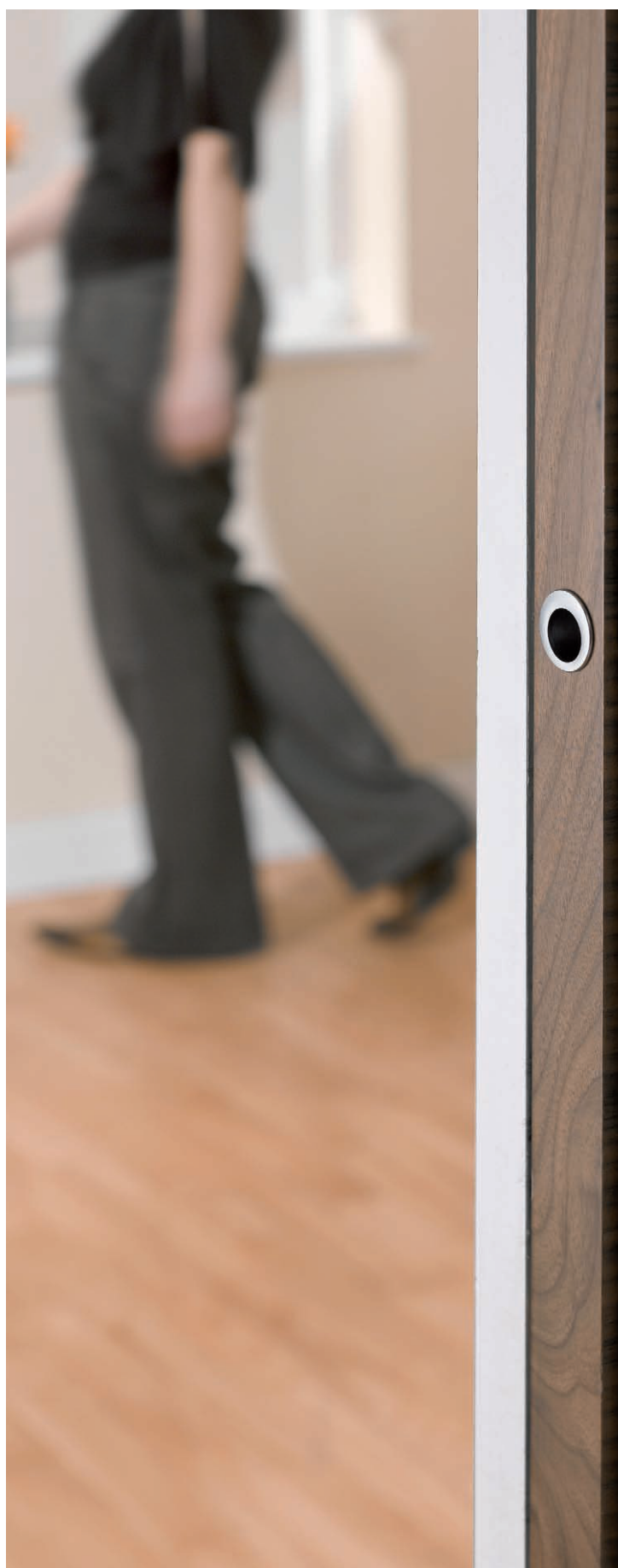
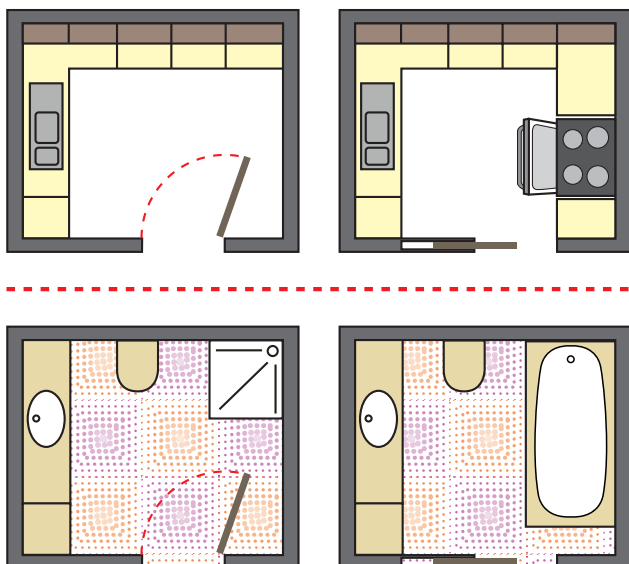
The iMpero pocket door system is ideal where design flexibility and space saving are of prime importance. Being able to slide a kitchen, bedroom or bathroom door within a wall and out of the way saves about 6% of the overall floor area or 10 sq ft per door.

Designed and produced in the UK, the iMpero pocket door system comprises the latest sliding door technology, quality robust components and an exceptionally easy installation.

With iMpero, specifying pocket door options is easy. Any standard timber door blank or frameless glass panel can be used and there are no bottom rails mounted into the flooring creating a dust trap or trip hazard. Door leaves are held in place to prevent wobble or sway. High quality rollers and bearing surfaces will provide years of maintenance free service and consistent high performance.

Typical iMpero pocket door installations

- A single door leaf (e.g. a kitchen or bathrooms)
- Two doors converging/bi-parting (e.g. as lounge/dining room dividers). These can also be opened/closed simultaneously.
- Large leaves can be used as screens to separate bedroom & living areas and facilitate flexible/open plan schemes whilst allowing users to maintain privacy when needed.



THE BENEFITS of installing an iMpero pocket door system

The iMpero proposal is unique. A patented design uses the latest developments in materials engineering in a combination that maximises wall and cassette stability, provides for easy flexible installation and unrivalled aesthetic detailing.

- The iMpero cassette is constructed from specially designed 'Z' section profiles. As any architect or engineer knows, strength is best derived from a materials profile.

The iMpero sections slide within each other to provide not only a flexible width cassette but one which is also easily height adjustable.

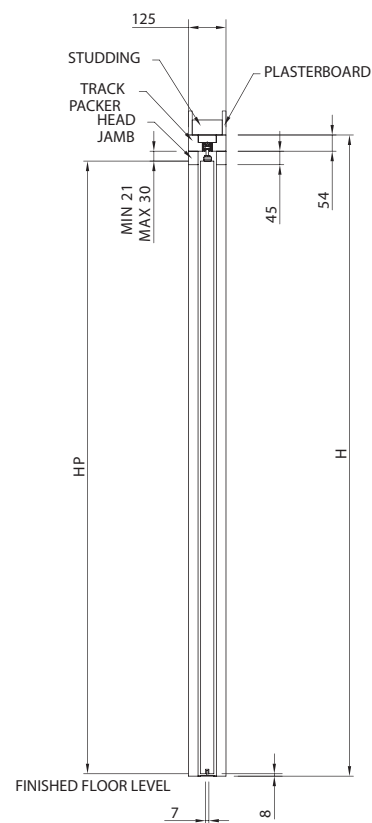
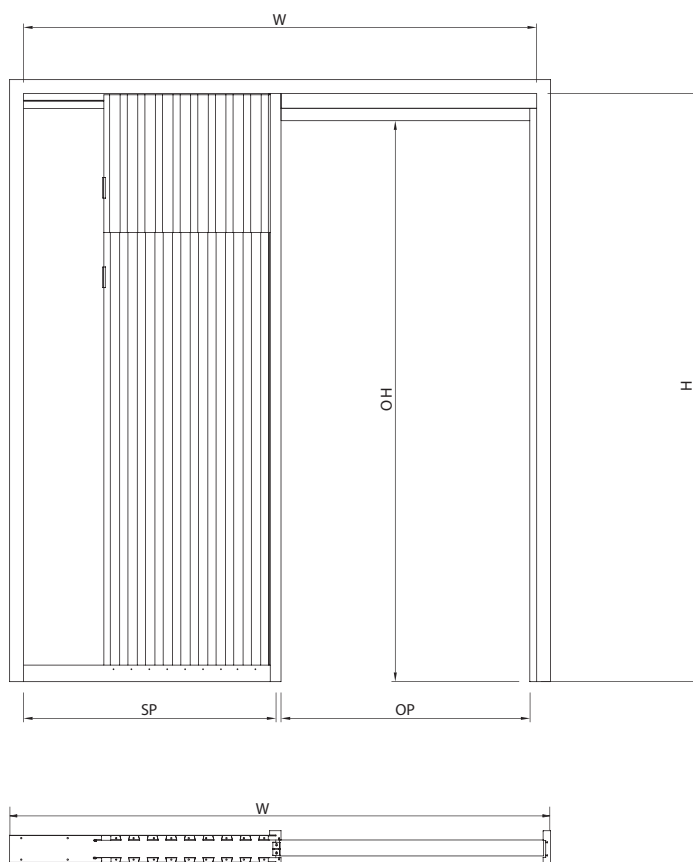
- The iMpero track mounting unit is constructed from timber laminate which reduces noise and vibration as opposed to traditional metal profile sections which often result in a "tinny" tactile experience.
- White aluminium track provides for a discreet aesthetic finish, further reducing the impact of the door-set. This is of particular use when installing full height doors fitted flush with the ceiling.
- The unique track profile incorporates trolley stabilising ridges within the design.
- Die cast roller bodies are light and strong. Delrin wheels incorporate a ball race for exceptionally fluid motion. Delrin covered wheels offer high tensile strength, impact resistance and exceptional fatigue endurance. Delrin resists moisture, solvents and potentially damaging atmospheric conditions, it also maintains its natural lubricity throughout its life.
- Bespoke timber door lining profiles are moulded from Poplar, sourced from sustainable suppliers. Poplar is a highly stable and readily available hardwood with few imperfections. Poplar can be very accurately moulded in long lengths, ideal for tall elevations.

Standard Specifications

- Door leaves up to 2700mm high as standard
- Individual door leaf widths up to 1500mm
- Individual door leaves of up to 80Kg
- Timber/framed door leaves up to 44mm thick or frameless glass 8–12mm thick



iMpero original single timber door leaves



For doors over 2700mm high or 1500mm wide, please contact the sales office.
If self-closing/damper units are required, please request at time of order.

Dimensions (max door thickness 44mm)	
Single Door	
Wp = Door panel width	Sp = Wp-9mm
Hp = Door panel height	Op = Wp-23mm
W = (2Wp)+11mm	Oh = Hp-7mm
H = Hp+95mm	

iMpero original single door kits

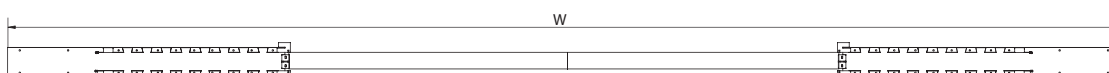
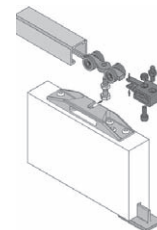
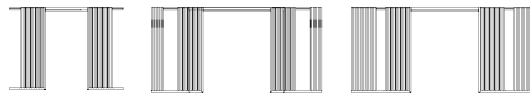
Standard door leaves (up to 2100mm high)

Description	Part No
Standard width door leaf	
626–926mm wide	iM300
Inclusive of timber door linings	iM301
Intermediate width door leaf	
927–1300mm wide	iM304
Inclusive of timber door linings	iM305
Wide door leaf	
1301–1500mm wide	iM308
Inclusive of timber door linings	iM309

Tall door leaves (up to 2700mm high)

Description	Part No
Tall door leaf	
626–926mm wide	iM310
Inclusive of timber door linings	iM311
Tall/Intermediate width door leaf	
927–1300mm wide	iM314
Inclusive of timber door linings	iM315
Tall/Wide door leaf	
1301–1500mm wide	iM318
Inclusive of timber door linings	iM319

iMpero original double timber door leaves



Dimensions (max door thickness 44mm)
Double Doors
 Wp = Door panel width Sp = Wp-9mm
 Hp = Door panel height Op = (2Wp)-34mm
 W = (4Wp)-16mm Oh = Hp-7mm
 H = Hp+95mm

If simultaneous opening/closing is required, please state at time of order.
 Self-closing and simultaneous opening cannot be used together.

iMpero original double door kits

Standard door leaves (up to 2100mm high)

Description	Part No
Standard width door leaf 626–926mm wide Inclusive of timber door linings	iM400 iM401
Intermediate width door leaf 927–1300mm wide Inclusive of timber door linings	iM404 iM405
Wide door leaf 1301–1500mm wide Inclusive of timber door linings	iM408 iM409

Tall door leaves (up to 2700mm high)

Description	Part No
Tall door leaf 626–926mm wide Inclusive of timber door linings	iM410 iM411
Tall/Intermediate width door leaf 927–1300mm wide Inclusive of timber door linings	iM414 iM415
Tall/Wide door leaf 1301–1500mm wide Inclusive of timber door linings	iM418 iM419