

PMflex™ Building Specification



EXTERNAL WALLS

Outer facing	Flat plastic coated steel sheet on 6mm MDF back board
Inner facing	Vinyl faced plasterboard
Core	Solid sheet EHD insulation set into a timber frame
U. Value	0.35 W/m ² °C.

ROOF - Flat

Decking	Profile steel composite insulated sheeting
Outer face	Plastic coated steel
Design load	0.60 kN/m ²
Slope	One way fall
Gutter and pipes	Square section PVC
Fascias	Plastic coated steel
Roof support	Galvanised steel beams and purlins
U. Value	0.25 W/m ² °C

FLOOR FRAME

Decking	19mm flooring grade plywood
Insulation	'Stylite Plustherm' sheet
Main frame	Galvanised steel beams and cross joists
Design load	3kN/m ²
U. Value	0.25 W/m ² °C

DECORATION - Standard Colours

Main body colour	Albatross grey 18B17
Roof fascias	Merlin grey 18B25
Gutters & down pipes	White pvc
Windows	White pvc
External doors	Merlin grey 18B25
Internal wall finish	White vinyl sheet
Ceilings	White vinyl sheet
Skirtings, door frame & architraves, ceiling trims	Merlin grey vinyl silk
Internal doors	Koto, self-finish
Flooring	Dove grey oak

M&E

All M&E self-contained within units for instant 'plug and play'.

Water supply and electrics pre-fitted for ease of installation.

LIGHTING

Single surface mounted luminaires as standard.

HEATING

2kw downflow heater for WC areas.

2kw panel heater for occupied areas.

TAPS

Non concussion taps as standard.

CEILINGS

Ceiling height - 2400mm with a finish of vinyl faced plasterboard fixed to steel purlins set at 600mm centres. Internal bay joints are closed with a mechanically fixed plasterboard trim.

FLOORING

Gerflor Tarusafe in dove grey, non-slip vinyl to all areas.

PARTITIONS

Internal partitioning is of steel stud work construction, with a facing of vinyl faced plasterboard. The plasterboard sheet joints are covered by a white pvc cover strip. Estimated db rating = 40dB or 46dB as specified. Internal vertical bay joints are covered with a mechanically fixed plasterboard trim.

Internal skirtings are painted MDF.

WINDOWS

All of white uPVC construction. Windows incorporate trickle ventilation, have stainless steel friction hinges and black lockable "espagnolet" handles.

Inner reveals have uPVC angle to top and sides with cellular pvc cill boards.

Glazing generally will be double glazed units with 4mm E float inner, 16mm cavity and 4mm float outer, except on low level windows where lower fixed pane is toughened.

Standard windows are 1135mm high x 860mm wide with a 935mm cill height.

High level windows are 385mm high x 860mm wide full opening vent, with a 1885mm cill height.

Low level windows are 1660mm high x 860mm wide top opening vent over a fixed pane opening vent, with a 410mm cill height.

This product can be supplied to comply with current building regulations and typically can achieve an EPC rating of 'B' as standard depending on layout. Key energy saving features include high levels of insulation, T5 lighting, timed heating and uPVC double glazed.

An EPC rating of 'A' can also be achieved.

EXTERNAL DOORS

Powder coated steel door set complete with cloaking frame.

Single door is 1220mm x 2100mm structural opening, double door is 1910mm x 2100mm structural opening.

Entrance doors have 203mm x 1168mm G.W. vision panel euro cylinder lock with thumb turn on the inside. Panic ironmongery to emergency exits.

INTERNAL DOORS

Flush panel koto finish solid core doors set into a painted softwood casing, with MDF architraves. Doors are hung on 1½ pr 100mm steel butt hinges and have round bar lever handles with a Euro Profile cylinder lock and thumb turn.

Where specified as ½ hour fire rated, the door is a 30 minute rated fire door and the frame incorporates intumescent brush strips. Fire doors have Ryobi overhead closers.

Standard sizes are 826mm x 2040mm, 926mm x 2040mm and 1652mm x 2040mm.

Where specified vision panels are 200mm x 750mm over 200mm x 500mm glazed Pyroshield wired safety glass, offset to the handle side.

Door signs as standard are fixed to W.C. doors only these being black pictogram on SAA plate.

INTERNAL SCREENS AND SLIDING HATCHES

White powder coated aluminium frame screen complete with fixed pane double glazed unit or sliding hatch with twin single glazed sliding panes.

Standard sizes are; screen 1135mm high x 860mm, hatch 1000mm high x 800mm.

KITCHEN UNITS

Gloss white base units complete with 32mm thick Lima Surf coloured work top.

TOILET CUBICLES

Toilet cubicles have light grey melamine faced chipboard panels and doors with contrasting dark grey edging.

Support feet, hat/coat hook, toilet roll holder and indicator bolt are dark grey powder coated aluminium.



Joining corridor



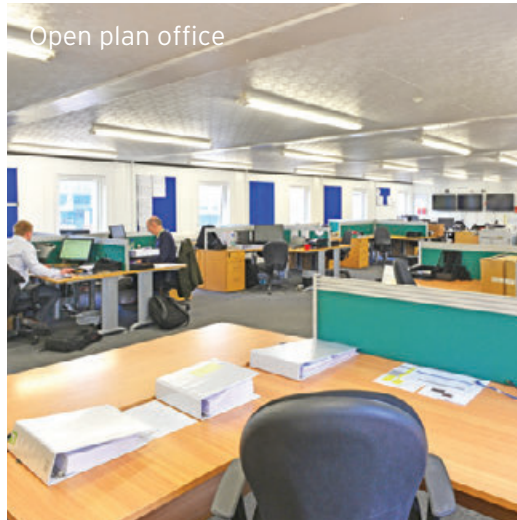
Changing / drying room



Meeting room



Toilets



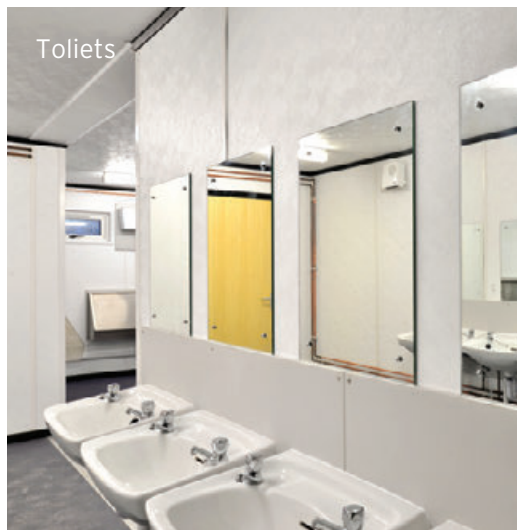
Open plan office



Canteen



Double glazed windows
and air conditioning

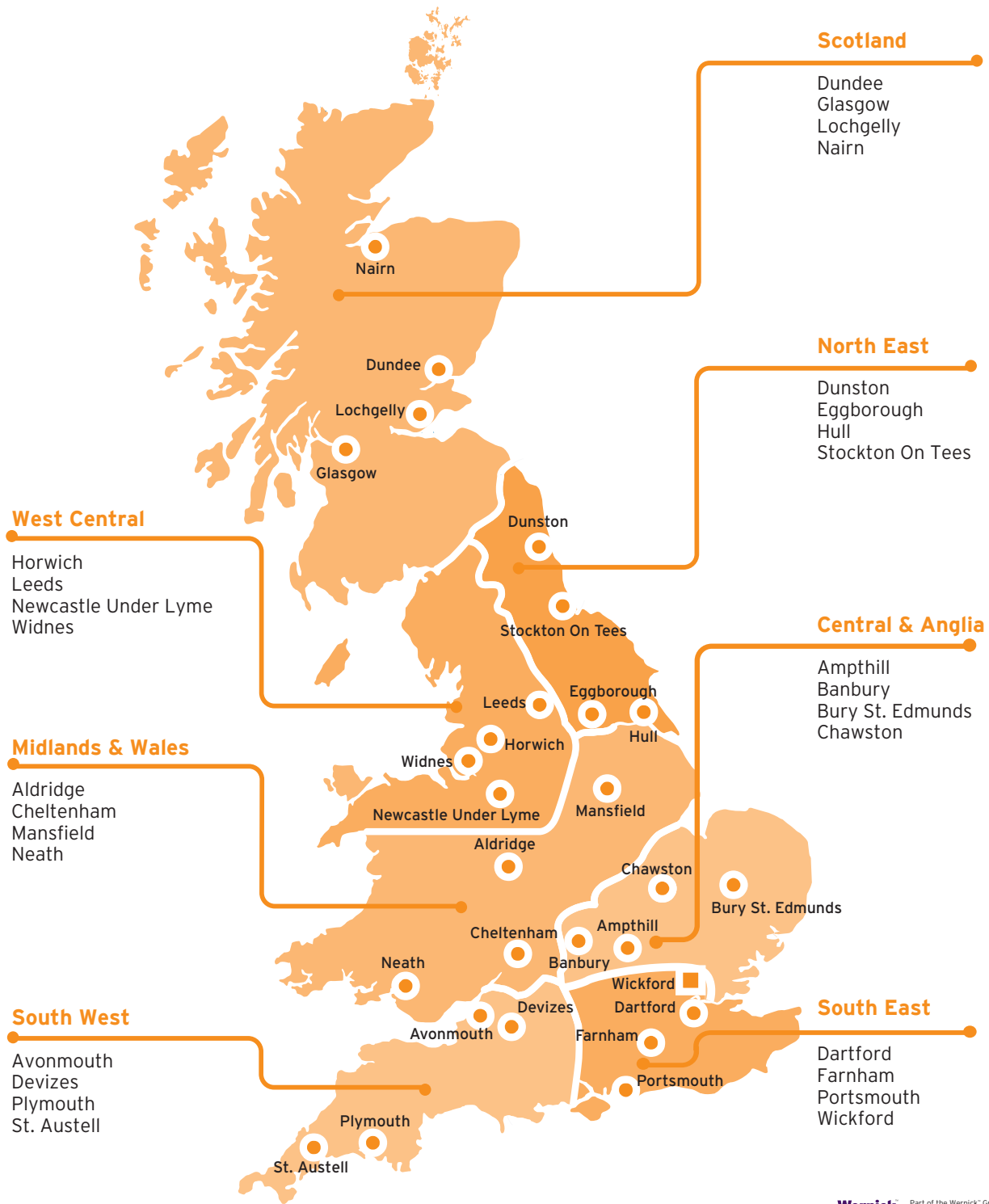


Toilets



Exterior façade

Nationwide Hire Depots



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 A detailed specification is supplied with our design quotation.

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0800 51 55 55

WernickTM Hire Limited Head Office
 Molineux House, Russell Gardens, Wickford, Essex, SS11 8BL
 email: sales@wernick.co.uk

