

Modular Building Construction Specification

Outline specifications will differ with different sized modular buildings

WINDOWS/DOORS

UPVC Double Glazed Energy Rated Windows

UPVC Double Glazed Energy Rated Door with 7 Point Locking system

ELECTRICS

2kw panel heaters / heat cool air conditioning

1500mm LED batten lights

13 amp double socket outlets

5 amp light switch 1 gang 1 way

RCD Mains board

FLOOR CONSTRUCTION

3kn per m2 floor loading

150 x 75 PFC hot rolled steel channel perimeter ring beam

125 x 50 steel joists welded into perimeter beam

Insulated with 2 layers floortherm insulations system to provide .25Wm deg C heat loss

Standard Floor Decking is 18mm Tongue and Groove, Moisture Resistant Chipboard or plywood

2mm Thick, Tarkett Vinyl floor covering, various colours available or carpet tiles

ROOF CONSTRUCTION

Heavy duty hot rolled steel lattice beams

0.75kn per m2 roof loading

Warm decked roof construction with plastic rainwater goods

Insulated with 120mm fibreglass and foil insulation

Roof deck single ply membrane roof consisting of 12.5mm plywood deck finished with a fatra eco plan membrane

INTERNAL CEILING HEIGHT

2400mm

INTERNAL CEILING LINING

12.5mm White Vinyl Faced Plasterboards

White Plastic, 2 Part 'H' Section Trim

INTERNAL WALL

12.5mm White Vinyl Faced Plasterboards

White, Plastic 2 Part 'H' Section Trim

White, Plastic 2 Part Skirting and Coving

60mm Fibreglass Insulation

EXTERNAL WALL

0.7g Plastisol Steel, Laminated to fire resistant multipro

95 x 34 walls studs with timber Uprights at 400 Centres

90mm fibreglass insulation and one layer of ecobrite foil

EXTERNAL COLOURS

Any TATA Steel RAL colour