



Format Steel Buildings

Unit 6 Hingley Road, Hayes Trading Estate
Halesowen, West Midlands, B63 2RR
Tel: 01384 893908, Fax: 01384 892989
Email: sales@formatsteelbuildings.co.uk
Web: www.formatsteelbuildings.co.uk

Outline Material Specification

300C30 / 40mm Composite Panel

1. Main Structure

a. Columns and Rafters

Cold Rolled Galvanised steel lipped channel sections 300mm deep x 85mm wide x 3mm thick galvanised to G275. Steel Min Yield 450N/mm².

b. Gable Posts

Cold Rolled Galvanised steel lipped channel sections 300mm deep x 85mm wide x 3mm thick, galvanised to G275. Steel Min Yield 450N/mm².

c. Haunch, Apex and Gable Post Plates

Various shapes, all 4mm thick Galvanised Steel.

2. Secondary Structure

a. Purlins and Rails

Pressed Galvanised steel lipped zeds 100mm deep x 50mm wide x 1.5mm thick Galvanised to G275. Steel Min Yield 280N/mm².

b. Eaves Beam

Pressed Galvanised Channel Section x 3 bend pressing x 1.5mm thick Galvanised to G275. Steel Min Yield 280N/mm².

c. Cleader Rails

Pressed Galvanised Angle Section x 2 bend pressing x 1.5mm thick Galvanised to G275. Steel Min Yield 280N/mm².

3. Main Structure Fixings

a. Main Frame Fixings

M16 Galvanised Hexagon Bolt Sets complete with washers.

b. Secondary Steel Fixings

6.3mm Diameter self driller taper screws by 22.1mm long

c. Base Cleats (Columns and Posts)

Galvanised 6mm thick angles pre-punched for fixing to steelwork with M16 fasteners and fixed to concrete base with at least 2No M16 x 175mm BZP through Bolt.

4. Wind Bracing, Fly Bracing and Sag Bars

Generally 50mm x 1.5mm Galvanised steel flat strip on a Coil.

5. Cladding Materials

a. Roof Sheeting

32mm deep x 1000mm cover width x trapezoidal profiled steel sheet, leathergrain plastisol coated to outer face to agreed colour complete with 40mm Insulation Core & 0.4mm Internal Liner.

b. Cladding Sheeting

32mm deep x 1000mm cover width x trapezoidal profiled steel sheet, leathergrain plastisol coated to outer face to agreed colour complete with 40mm Insulation Core & 0.4mm Internal Liner.

c. Flashings

Manufactured from leathergrain plastisol coated steel x 0.7mm thick pressed to suit specific profiles.

General Notes:

All components manufactured from prime materials.

Your building will be individually designed and structurally calculated to the latest building regulations.

If no execution clause is specified Exc2 shall apply.