

TECHNICAL DATA SHEET - EC RACK

STRUCTURE

Designed for loads up to 350kg when supported on the vertical panel mounts and using either the plinth, or jacking foot options.

Framework

The **EC** range has a unique bolt-together skeleton frame, which can be clad with side panels, top panel and door options. (UK and World-wide Patents Pending)

Material

Framework

Vertical and horizontal frame members 1.5mm Steel CR4

Panels

Material

Side Panels		1.2 mm Steel CR4	
Rear Door		1.5 mm Steel CR4	
Front Door	Styles	1.5 mm Steel CR4	Glass 4mm Toughened BS6206 1981
Top Panels		1.2 mm Steel CR4	

19" Panel Mounts and 800/600 reducers.

Adjustable front to back, conforming to IEC 297 standards with mounting facilities for universal front fixing and CBL side mounting accessories.

Material

Cross 800/600 reduction rails	1.5 mm Zinc Coated Steel
Vertical panel mounts 19"	1.5 mm Zinc Coated Steel

Castor Plate/Plinth Plate

Corner Plates	1.5 mm Steel CR4
Plinth	2.0 mm Steel CR4
Kick Plate Trim	1.2mm Steel CR4
Castor	80 Kg per castor rated loading
Jacking Foot	2,000 Kg static load

Fixing Screws

Main fixings M6 Socket set screws	-	Tensile Strength 10.9
All other fixings M6 screws	-	Tensile Strength 8.8

IP Rating IEC529

IP20

Earthing/Earthing Kit

Compliant to EN60950 Clause 2.5.11

Locking System

Each door has a single central, 90° turn, key lock. Doors are hinged LH as standard but can be supplied or converted to RH hinged

Each side panel is drop into place with a single 90° turn, key lock fitted at the top.

Accessories

Specific to EC racks

Top mounted 2 fan, fan tray - clips into position in place of the standard fitted blank panel, (One size fan tray fits any rack size).

Bolt together kit.(Can be used with one side panel in place).

Castor Kit.

Plinth Kit (with or without castors and or jacking feet).

Cable trays, cabling accessories & flat pack

Universal

All Cooper B-Line depth fitting accessories using the Cooper B-Line panel mount side fixings are compatible with the EC rack.

NOTE: *Maximum depth shelf fitting for **EC** 600 depth = 450mm*
 *Maximum depth shelf fitting for **EC** 800 depth = 650mm*

All Manufacturers front mounting accessories using the front 19" mountings are compatible.

Finish

Frame, Top Panels, Side Panels and Doors

NCS 1502Y Light Grey Structured Epoxy Polyester Powder DFT 50 Microns

Fixing screws

8 microns thick Zinc Plate, Clear Trivalent Chromium Passivate ("ZNX")

OVERALL DIMENSIONS

Unit Height	Basic Height	Height With Castors	Height with Plinth	Height with Plinth & Castors	Width	Depth Add 24mm per door
22u	1154	1229	1249	1324	600/800	600/800
27u	1376	1451	1471	1546	600/800	600/800
39u	1909	1984	2004	2079	600/800	600/800
42u	2042	2117	2137	2212	600/800	600/800
47u	2265	2340	2360	2435	600/800	600/800