

FULL TECHNICAL SPECIFICATION

For the New Flat - pack Kabin

Guttered roof

UPVC double-glazed window (one as standard, additional windows available)

Powder coated finish outside and inside

Optional window security grill

Fully insulated. 50mm polystyrene

Optional electric pack with heater

PVC linoleum floor

Locking door with replaceable euro cylinder lock

Only socket set required for assembly

Expandakabin Models & Features

Feature	EK3	EK4
External Finish	Electostatic Powder Coated in RAL 6005 (Moss Green)	Electostatic Powder Coated in RAL 6005 (Moss Green)
Internal Finish	Electostatic Powder Coated in RAL 9002 (Off-White)	Electostatic Powder Coated in RAL 9002 (Off-White)
Length (mm)	3299	4369
Width (mm)	2305	2305
Height, flat packed (mm)	498	498
Height, assembled (mm)	2345	2345
Weight (kg)	840	1000

Construction components

The main construction elements of the kabin are as follows:

Chassis with frame

Side wall panels

Roof panel

Door panel

Window panel

Fastening elements

Walls

Vacuum bonded sandwich panels. Insulation - 50mm polystyrene.

Outer surface - 0.63mm galvanized steel electrostatic powder coated in RAL 6005 (Moss Green).

Inner surface - 0.63mm galvanized steel electrostatic powder coated in RAL 9002 (Off-White).

Roof

Exterior covering - 0.73mm powder coated box profile galvanized steel with two gutters for effective rainwater disposal to all four corners.

Interior - vacuum bonded sandwich panels. Insulation - 50mm polystyrene.

Inner surface - 0.63mm galvanized steel powder coated in RAL 9002 (Off-White).

Snow loading - 75kg/m² evenly distributed.

Chassis / Frame

Box profile, hot dipped galvanized steel Corner columns - 1.5mm cold formed DKP steel. Supplied with 4 lifting eyes. All surfaces are powder coated in RAL 6005 (Moss Green).

Floor Construction - marine ply covered with 2mm PVC linoleum (flash point B1 difficult to burn, smoke density Q1). Floor section has no insulation. Floor loading - 150kg/m² evenly distributed.

Door

Frame - cold formed powder coated galvanized steel sheet min 1.25mm.

Outer Door - both surfaces powder coated (External - Moss Green, internal - Off-White) galvanized flat steel sheet.

0.73mm thick, complete with door handle and replaceable euro cylinder lock.

Window

Frames - cold formed powder coated galvanized steel sheet 1.25mm thick.

Window - uPVC double glazed window frame with vacuum sealed unit. (4+9+4).

Size - 800mm x 600mm.

Type - vertically inward opening mechanism with single handle and lock.

Electrical Equipment

No electrical wiring and equipment fitted. The unit is designed to have a surface mounted electrical installation.

Optional electrical kit pack available.

Additional Information

Doors and windows can be fitted anywhere in the unit.

Expandakabin is not designed to comply with Building Regulations approval