

Purpose

The SF54 is a rapid deploy Shelter, designed for use where a rugged, durable and weatherproof temporary or semi-permanent structure is required, but where speed of availability is also critical. The SafeFrame[®] shelter range is conceived to offer versatility for a range of applications, multi-purpose work volumes and modular assembly from one uniform design

Features & Benefits

- Innovative external aluminium frame system
- Quick erect system requiring minimum personnel
- No external power or special tools required
- Easily transportable to set up site
- Minimum maintenance requirements due to simple yet robust design
- Wide access double doors on shelter ends
- Manufacturing material is highest quality
- All materials used are durable and easy to repair
- Excellent weather resistance
- Natural lighting provided via visibility windows and translucent roof
- Integral groundsheet included providing additional protection from the elements
- Staking/ ballast options available
- Range of colours available
- Optional accessories available: see reverse



Technical Data

- Work Area: 54m²
- Deployed Dimensions: 9m L x 6m W x 3m H
- Packed Dimensions:
 - Frame: 2.35m L x 0.6m W x 0.5m H
 - Canvas: 2.10m L x 0.8m W x 0.8m H
- Weight:
 - Frame: 125 kg
 - Canvas: 161kg
- Shelter Up: 4 people 5 mins
- Shelter Strike Down: 4 people 7 mins

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SF54A Standard Components	Specification	Quantity
Frame	All-in-one Aluminium frame packed to 1 bag for ease of storage Aluminium extrusion : 6063 T6 with AA25 Natural Silver Anodising; junction components CNC machined	1
Canvas	PVC spec coated onto both sides of a polyester substrate; base fabric is nominal 15.5 by 15 threads/cm plain weave 280 d/tex warp and weft polyester yarns; classified as 2.5oz/sq yard (85 gsm) fabric; external canvas 375g/m ² ;	1
Roof	White translucent roof canvas of same specification for optimum light ingress	1
Groundsheet	Integral groundsheet offering optimum weather protection; floor material 1,000g/m ² ; compliant with flammability requirements of BS5867-2: 2008 Type B	1
Doors	Double doors each end and double doors each side	4
Windows	Visibility windows in each door with PVC cover flaps for modesty 230mm x 230mm	8
Service Ports	Access into the shelter for connection for electrics etc	4
Connection Boots	Boots on all doors to enable shelter interconnectivity end to end or side to side	4
Anchor Kits	For added stability during inclement weather	1
Personalised Name Banner	Name of your organisation provided with a velcro attachment	2
Training	Training given to staff on delivery of unit	

Shelter Options	Purpose	Working Space
SF 3 D	One-Man/ Multi-Person Mobile Decontamination Shelter	2.25 m ²
SF 15 D	All-In-One Mobile Decontamination Unit	15 m ²
SF 18 D	2 Lane Mobile Decontamination Shelter	18 m ²
MDU	Mass Mobile Decontamination Unit	54 m ²
DC 15	Static Decontamination Unit	15 m ²
DC 18	2 Lane Static Decontamination Unit	18 m ²
DC 30	Mass Static Decontamination Unit	30 m ²
SFL 18	General Purpose Lightweight Shelter	18 m ²
SFL 36	General Purpose Shelter	36 m ²
SFL 54	General Purpose Shelter	54 m ²
SF 18	Emergency Responders Shelter	18 m ²
SF 36	Emergency Responders Shelter	36 m ²
SF 54	Emergency Responders Shelter	54 m ²

SF54A Optional Accessories	Specification	Suggested Quantity
Flooring	A non-slip rubber flooring tile for shelters and decon cells available in Black (general flooring) Red (disrobe area) Yellow (decon area) & Green (re-robe area); tiles cut to 100cm x 120cm x 3cm, 8 kg per tile	36
External Lighting	Battery powered light for illumination in remote areas	2
Internal Lighting	To provide illumination within the shelter unit	6
Generator	Petrol powered portable electricity supply: Stats: L 0.90m x W 0.53m x H 0.72m; Weight: 95 kg; Voltage: 6kW/7.5KVA	1
Air Heater	Mobile hot air generator designed to provide a warm air supply	1
Ballast	Fill with water (500l) to secure shelters deployed on hard standing ground during inclement weather	6
Leg Weights	For added stability during inclement weather	8
Personalised Crest	If requested, we will be able to arrange for your logo to be stitched/velcroed to the unit (colours and dimensions will be required on order)	2
Service & Maintenance	1 st year contract which may be renewed on an annual basis to ensure the longevity of unit and associated equipment	



Applications

- Decontamination
- Command & Control
- Field Hospital
- General Purpose Shelter
- COLPRO
- Accommodation
- Dining Room
- Field Camp
- Body Recovery/Mortuary