safeframe™ 18 decon

NBC Group

Purpose

The SF18 Decon is a rapid deploy 2 lane Mobile Decontamination Shelter, for use where high capacity and speed of availability are critical, but where a rugged, durable and weatherproof temporary or semi-permanent structure is also required. This version is supplied in 2 bags for ease of storage and maneuverability.

Critical Use Data

- Work Area: 18m²
- Deployed Dimensions:

  L 6m x W 3m x H 3m
- Packed Dimensions:

  Frame & Legs L 2.1m x W 0.4m x H 0.6m
  Canvas L 2.1m x W 0.7m x H 0.7m
- Weight:

  Frame & Legs 70kg
  Canvas 145kg
- Shelter Set Up: 2 people, 4 minutes
- Shelter Strike Down: 2 people, 5 minutes

Features & Benefits

- Innovative internal aluminium frame system with nylon blocks to reduce weight
- Quick erect system requiring minimum personnel
- No external power or special tools required
- Easily transportable to set up site (6 person lift)
- Fully adjustable legs to cope with uneven terrain (300mm)
- Minimum maintenance requirements due to simple yet robust design
- Manufacturing material is highest quality
- All materials used are durable and easy to repair
- Easy clean canvas for improved infection control
- Natural lighting provided via visibility windows and translucent roof
- Wide access double doors on shelter ends
- Integral decon cell is removable for added flexibility
- Excellent weather resistance
- Integral groundsheet included providing additional protection from the elements
- Range of colours available
- Optional system accessories available: see reverse

Now there's a better way

NBC safeframe™ options

SF18D Standard Components	Specification	Quantity
Frame	Aluminium frame with detachable leg design 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/m2; floor material 1,000g/m2; compliant with flammability requirements of BS5867-2: 2008 Type B	1
Doors	Double doors each end	2
Windows	Visibility windows in each door with PVC cover flaps for modesty 230mm x 230mm	4
Service Ports	Access into the shelter for connection for electrics and water	2
Spray Guns	Chrome plated; insulated handle; adjustable flow; adjustable jet spray pattern; internal Nitrile rubber seal; max working pressure 8 bar; max temperature 100°C	6
Water Connection	¾" Poly Cam Coupling	1
Service & Maintenance	Annual contract to service & maintain unit at specified site (renewable)	1st year
Training	Training given to staff on delivery of unit	Training

SF18D 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	12
External Lighting	Battery powered light for illumination in remote areas	2
Internal Lighting	To provide illumination within the shelter unit	2
Generator	Petrol powered portable electricity supply: Stats: L 0.623m x W 0.405m x H 0.5mm; Weight: 39 kg; Voltage: 115/230	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	2
Waste Water Containment	Designed to hold and contain waste contaminated water that has been pumped from the decontamination cell bund and holds up to 500 or 1000 litres	1
Sump Pump	A compact and lightweight design ideal for safe removal of contaminated waste water (connection elbow & hose also available	1
Leg Weights	For added stability during inclement weather	4
Anchor Kits	For added stability during inclement weather	1
Personalised Logo	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)	
Service & Maintenance	Contract may be renewed on an annual basis to ensure the longevity of unit and associated equipment	
Training	Additional staff training	

Shelter Options	Purpose	Modesty Provision	Number of Showers	Working Space
SF 3 D	One-Man/ Multi-Person Mobile Decontamination Shelter	No	1 Standard	2.25 m²
SF7 D	One-Man/ Multi-Person Mobile Decontamination Unit	Yes	1 Standard	6.75 m²
SF 9 D	2 Lane Mobile Decontamination Shelter	No	4 Standard	9 m²
SF 15 D	All-In-One Mobile Decontamination Unit	Yes	2 Standard	15 m²
SF 18 D	2 Lane Mobile Decontamination Shelter	No	6 Standard	18 m²
MDU	Mass Mobile Decontamination Unit	Yes	6 Standard	54 m²
DC 15	Static Decontamination Unit	Yes	4 Standard	15 m²
DC 18	2 Lane Static Decontamination Unit	Yes	4 Standard	18 m²
DC 30	Mass Static Decontamination Unit	Yes	6 Standard	30 m²
SFL 9	General Purpose Shelter	N/A	N/A	9 m²
SFL 18	General Purpose Shelter	N/A	N/A	18 m²
SFL 36	General Purpose Shelter	N/A	N/A	36 m²
SFL 54	General Purpose Shelter	N/A	N/A	54 m²
SF 18	Emergency Responders Shelter	N/A	N/A	18 m²
SF 36	Emergency Responders Shelter	N/A	N/A	36 m²
SF 54	Emergency Responders Shelter	N/A	N/A	54 m²

Certainty in an Uncertain World

Jensen Court, Astmoor Industrial Estate, Runcorn, Cheshire WA7 1SQ
Tel: 0845 121 3780 Fax: 01928 580 335 Email: info@nbcservices.co.uk Web: www.nbcservices.co.uk