

CCS25

Definition

Standard 25sqm shelter for field health centre, storage, dispensary, short/long term accommodation, etc...

General Information

Rapidly deployable hardened shelter. Requires water and power supply. Expected lifespan, over several decades in all environments. Can be demolished. Designed for earth/snow berming for insulation and force protection. Shelters can be linked together. High resistance to adverse weather conditions, micro-organisms, fire proof and waterproof. Disinfecting with high chlorine concentration will not damage the inner.

Can accommodate 7 persons; according to Sphere Humanitarian Charter, or 4 persons with 4 cot and floor mounted mosquito net arrangement.

Materials

- 13mm Concrete Cloth
- Flame retardant reinforced polyethylene inner.
- Door blades available in either translucent polycarbonate or steel security option with LPCB certification up to LPS 1175 SR3 and fire rated up to 6 hours.
- Die cast zinc door latches
- Ground anchors

Water Requirements

Approx. 850L

Specifications

Crate dimensions
Length: 2.61m Width: 2.30m Height: 1.13m
Net weight:1900kg

Deployed Dimensions

Length: 5.0 m Width: 5.6m Max Height: 2.6m
Floor space: 26sqm

Entry Security

Vented entrance at each end with push to close latch inside and outside locking handles, 1 pair of doors on each side.

Packaging

Supplied in polyethylene, airtight, water proof, rot proof sack within ISPM15 heat treated timber/ply panel crate.

Instructions for use

Instructions included in crate.

Four step process;
Delivery, Inflation, Hydration and Setting.

Shelter requires 2 persons to set up, sledgehammers recommended for driving in of ground anchors.

Deploy at dusk to avoid over drying.
Approx. deployment time: 45mins.
Ready to use in 24 hours.

CCS54

Definition

Standard 54sqm shelter for emergency field health centre, operating theatre, storage, dispensary, short/long term accommodation, etc...

General Information

Rapidly deployable hardened shelter. Requires water and power supply. Expected lifespan, over several decades in all environments. Can be demolished. Designed for earth/snow berming for insulation and force protection. High resistance to adverse weather conditions, micro-organisms, fire proof and waterproof. Disinfecting with high chlorine concentration will not damage the inner.

Can accommodate 15 persons; according to Sphere Humanitarian Charter, or 8 persons with 8 cot and floor mounted mosquito net arrangement.

Materials

- 13mm Concrete Cloth
- Flame retardant reinforced polyethylene inner.
- Door blades available in either translucent polycarbonate or steel security option with LPCB certification up to LPS 1175 SR3 and fire rated up to 6 hours.
- Die cast zinc door latches
- Ground anchors
- Vehicle attachment straps and towbar.

Water Requirements

Approx. 1500L

Specifications

Crate dimensions
Length: 2.70m Width: 2.30 m Height: 1.60m
Net weight: 3100kg

Deployed Dimensions

Length: 10.0m Width: 5.6m Max Height: 2.8m
Floor space: 54sqm

Entry Security

Vented entrance at each end with push to close latch inside and outside locking handles, 1 pair of doors on each side.

Packaging

Supplied in polyethylene, airtight, water proof, rot proof sack within ISPM15 heat treated timber/ply panel crate.

Instructions for use

Instructions included in crate.

Four step process;
Delivery, Inflation, Hydration and Setting.

Shelter requires 2 persons to set up and vehicle or winch to aid unfolding. Sledgehammers recommended for driving in of ground anchors.

Deploy at dusk to avoid over drying.
Approx. deployment time: 60mins.
Ready to use in 24 hours.

All information correct at time of print, but subject to change due to ongoing design and development.