

C26 SERIES OVERVIEW

CELINA Dynamic Medium Shelter

NSN: 8340-01-721-4150 (TAN)
NSN: 8340-01-721-4139 (GREEN)

CELINA



Description

The CELINA Dynamic Medium Shelter features a frame design that reduces carry weight while maintaining overall shelter strength. The unique arch design offers additional stability and support, resulting in a reduced need for arches. The self-squaring frame pieces fit together seamlessly, allowing for compact packing into smaller shipping containers. CELINA's Dynamic Medium Shelter is equipped with an 11' tall maintenance door and personnel door on each end wall, ensuring convenient access for users. The shelter's keder track fabric flooring provides a continuous and waterproof connection, guaranteeing a dry and secure environment. Additionally, its internal liner enhances thermal and energy efficiency, further elevating its functionality.

Features

- Aluminum frame support system
- Arches are lifted from ground level without special equipment
- Cross support bars connect by sliding into place
- Compatible with all of CELINA's accessories
- Advanced pack-out for quick deployment
- Desert tan or camouflage green color options
- 463L-Pallet optimized
- Fully assembled in three hours with six people

Intended Uses

- Billeting
- Storage
- Vehicle maintenance
- Command center
- Communication facilities
- Offices
- Warehousing

Specifications

- Resists wind speeds up to 90 mph (100 mph gusts)
- Withstands 16 psf of snow load for up to 4 hour
- Rain load of 4" per hour with 40 mph winds
- Water resistant, flame retardant fabric
- Berry Amendment Compliant
- Designed to meet or exceed US Military performance specifications
- Meets temperature range from -25 to 125 F
- Standard dimensions are 30' x 52'
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Optional Add-Ons

- Led lighting system
- HVAC/additional ducting
- Electrical supply systems
- Solid flooring
- Beds/cots
- Table/chairs



BERRY
Amendment



Contract Holder
Contract # 47QSMS24D0092

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Key CELINA Advantages:

- Fabric floor is secured to the shelter base frame using keder track, creating a continuous waterproof connection
- Frame is self-squaring with fewer pinch points
- Arch frame is manufactured in separate pieces requiring no welding
- Keder design and fewer arches provides superior fabric tension resulting in longer life due to decreased susceptibility to water build up or wind damage
- Hoisted interior liner creates a natural insulator for greater energy efficiency

Available Enhancements:

- Resistance to and protection from chemical, biological, and radioactive contaminants
- Increase thermal efficiencies through use of specialty treated fabrics



Frame Arch Segments



Arch/Purlin Installation



Insulated Liner Installation



Personnel Door and Maintenance Doors



Dynamic Medium Shelter



Vehicle Maintenance/Storage