

Endurance

Features

- ✓ Built for extreme polar conditions and severe weather
- ✓ Single-person setup in five minutes, fully sheltered assembly
- ✓ Lightweight aluminium frame with durable ripstop nylon cover
- ✓ Thermal liner improves heat retention and reduces condensation
- ✓ Clamshell panels enable rapid medivac and equipment access
- ✓ Ballast skirt allows secure anchoring using snow or gear
- ✓ Available in 16ft and 21ft models, 6'6" height
- ✓ Compact, lightweight design for sled or helicopter transport

Legendary design rooted in Shackleton's polar exploration heritage.

Product Overview

The Weatherhaven Endurance shelter takes its name from Sir Ernest Shackleton's legendary ship, symbolising resilience in the harshest conditions. Designed for extreme expeditions, it blends rugged reliability with modern engineering, offering unmatched shelter performance in remote environments. This shelter continues Weatherhaven's legacy of creating innovative, mobile infrastructure that equips teams for exploration, research, and critical operations in some of the world's most challenging landscapes.

The Endurance shelter is purpose-built for Arctic and Antarctic deployments, providing exceptional resistance to fierce winds, sub-zero temperatures, and crushing snow loads. It has been field-tested in extraordinary conditions, including a 1,000-kilometre dogsled expedition across Greenland's northern wilderness. This proven track record ensures explorers, scientists, and military teams can trust the Endurance to deliver safety and reliability in unforgiving climates.



Endurance: resilient, rapid setup, proven protection.

Speed and safety are vital in extreme environments, and the Endurance delivers both. Its quick-erect system allows teams to assemble the shelter from inside, minimizing exposure to freezing winds and dangerous weather. This design innovation ensures rapid deployment with fewer risks, enabling personnel to establish secure, protective shelter quickly—often within minutes—when operational efficiency and survival are top priorities.



Standard Specifications

Endurance specifications can vary depending on your configuration

Specification	Endurance 16'	Endurance 21'
Width	2.42 m // 8 ft	2.42 m // 8 ft
Length	4.84 m // 16 ft	6.36 m // 21 ft
Height (middle)	2 m // 6 ft 6 in	2 m // 6 ft 6 in
Weight	35 kg // 77 lb	46 kg // 101 lb
Packed volume	2.8 m x 0.3m x 0.3 m // 110 in x 12 in x 12 in	2.8 m x 0.3m x 0.46 m // 110 in x 12 in x 18 in
2 full-height zipper C door entrances with arctic flashing		
24" square port at centre floor		
Stainless marine ventilation port at centre roof		
Clamshell full-end opening for snow medical or equipment entry		
Extended ballast skirt around perimeter		

Options

Endurance can be configured to your exact requirements.

Structure & Configuration

- Aerodynamic tunnel shelter design
- 16 ft and 21 ft lengths
- Ripstop nylon laminated cover system
- Multiple color options
- Thermal breathable liner system
- Extended snow ballast skirt
- Breathable laminate materials
- Polar Foam insulated floor system

Entries (Doors & Windows)

- 2 full-height C doors with polar flashing
- Clamshell end opening for full access)
- Expedition snow tunnel entrance
- Central floor access port (Velcro sealed)

System Integration

- Snow & ice melting systems (proprietary)
- Cable ports & stove pipe socks
- roof-mounted adjustable vent

Power & Environmental Control

- Heating systems (oil-burning heaters)

Logistics

- Compact transport sled compatible
- Fully deployed from inside shelter

Example Applications

See our website for more Endurance applications.

- Polar Science and Research

