

INSTRUCTIONS FOR SHELTER ANCHORING



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DANGER – DO NOT USE CONCRETE BLOCKS TO ANCHOR THE SHELTER. IT IS NOT A SAFE PRACTICE.

WARNING – THE STANDARD ANCHORS SUPPLIED WITH THE SHELTER ARE ONLY TO BE USED FOR INSTALLATION ON AN ASPHALT SURFACE. IF THE SHELTER IS INSTALLED ON ANY OTHER TYPE OF SURFACE, OTHER TYPES OF ANCHORS SHALL BE USED AS SPECIFIED BELOW. IF STANDARD ANCHORS ARE USED, THE NAILS SHALL BE INSTALLED IN AN X FORMATION TO ENSURE THEIR ANCHORING CAPACITY.

TYPE OF SOIL - TYPE OF ANCHOR TO BE USED

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ASPHALT SURFACE	Standard anchors or Permanent toggle anchor or Permanent grapnel anchors..
CONCRETE OR CEMENT	Permanent toggle anchors or Permanent grapnel anchors when the concrete cement slab is 152mm (6 in) thick or less or Concrete anchors.
INTERLOCKING PAVING STONES	Permanent toggle anchors or Permanent grapnel anchors.
CRUSHED STONE, CLAY SOIL OR SANDY SOIL	These types of soils have less holding capacity. Permanent toggle anchors or stakes may be used. If necessary, consult an expert to properly secure the shelter and use more anchors than the minimum recommended below.

NUMBER OF ANCHORS

The anchors shall be placed symmetrically on both sides of the shelter. Two anchors shall be placed at a minimum distance of 305 mm (12 in) from each end of the shelter. Additional anchors shall be added between the anchors at the ends of the shelter so that the spacing between each anchor on either side of the shelter does not exceed 3 m (10 ft.).

CLEARANCE DISTANCES

Wherever possible, a clearance distance of 915 mm (3ft.) shall be maintained between the shelter and adjacent buildings or other structures, including other temporary shelters.

Lean-to shelters are designed to be installed adjacent to another lean-to shelter or a building. When installed adjacent to a building, they shall be installed in such a way as to avoid receiving the snow loads from the building beside them.

OPTIONAL PARTS

GUIDE WIRES

In addition to anchors, it is suggested that the shelter be secured using four (4) guide wires installed if possible at a 45-degree angle at approximately 915 mm (3 ft.) from each corner of the shelter.

WIND STRAPS

For welded cover, the use of wind straps is recommended to minimize canvas flapping on the structure and increase canvas life. Two (2) wind straps are recommended for shelters 7.3 m (24 ft.) or less in length and three (3) wind straps are recommended for shelters longer than 7.3 m (24 ft.). The sewn cover at each section includes fastener cords (anti wind and anti-friction) at each arch, inside the canvas.

ORTHER PARTS

Use only manufacturer recommended parts. Do not alter the shelter's configuration.