

INTEGRAL DESIGNS

SILSHELTER OWNERS MANUAL



Made in Canada
Fait au Canada



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The SilShelter is an extremely versatile tarp system made from ultralight waterproof nylon. This 30 denier parachute ripstop nylon with silicone impregnation weighs only 1.35 oz per sq yd. It is incredibly strong and resilient. The SilShelter is designed to be used in conjunction with a bivy but can be used as a stand alone ultra light shelter. The SilShelter sets up on hiking poles, can be slung from trees or attached as an awning to a tent.

This SilShelter manual applies to the following modules.

- **SILSHELTER**



CARING FOR YOUR SILSHELTER

FABRIC DESCRIPTION AND SPECIFICATIONS

Silcoat is a high tenacity 30 denier. 1.1 oz parachute rip stop nylon impregnated with 1/4 oz of silicone, the lightest waterproof fabric available. Silcoat has an impressive strength-to-weight ratio and ability to shear wind. The silicone impregnation keeps the fabric waterproof to a pressure of 1 pound per sq inch (2 ft water pressure depth). Which exceeds the pressure generated by a hard rainstorm. Because silicone is impregnated through the fabric, Silcoat does not absorb water. The silicone impregnation will not wash or peel off. Silcoat remains soft and pliable in sub zero temperatures. .

PROPER STORAGE

It is essential to dry the Silcoat product before storage to avoid the irreversible consequences of mildew (mold growth). Store in a cool, dry place out of direct light once dried.

CARE AND MAINTENANCE CLEANING

Hand wash with sponge, a mild non-detergent soap and warm water. Rinse thoroughly to remove all soap residue. Do not dry clean, bleach, machine wash or machine dry. Certain types of dry desert sand will stick to the silicone and will require washing of the fabric to remove the sand and dust.

PACKING

We recommend rolling the SilShelter into a long strip the width of the stuff sack. Put a knee gently on one end and roll tightly towards you, brushing off any dirt. Stuffing is quicker, but creases the fabric and creates a more bulky package.

SEAM SEALING

All Integral tarps, excluding the 5"x8" Siltarp, are supplied with a 1 ½ oz tube of McNett Silnet which is specially formulated for use on silicone impregnated products. This quantity of Silnet will seal at least 40 feet of seams. Products manufactured from Silcoat cannot be factory seam taped because the tape will not adhere to the silicone impregnated nylon fabric.

Silnet, if applied to a new and clean seam should only be required to apply once. It does not crack or peel, remaining flexible in cold conditions. For a complete seal, spread the minimum possible amount of sealant evenly onto all needle holes, thread and fabric joints on the inside of the fabric. Allow drying overnight for complete cure. Be sure to apply sealant in well-ventilated area in order to avoid inhaling vapors. Before packing the Silcoat product for the first time after sealing, check that the Silnet is properly dry as freshly cured sealant can bond to itself even when dry. Unused Silnet should be kept in its special zip lock bag to avoid leakage from accidental puncture to the tube.

FOOD UNDER TARPS

Try to avoid food contact with your tarp many foods particularly acidic ones like fruit juices, can weaken synthetic fabrics over time. In any case, it is best not to eat and store foods in under your tarp to avoid attracting animals, which may damage your tent and /or endanger you safety.

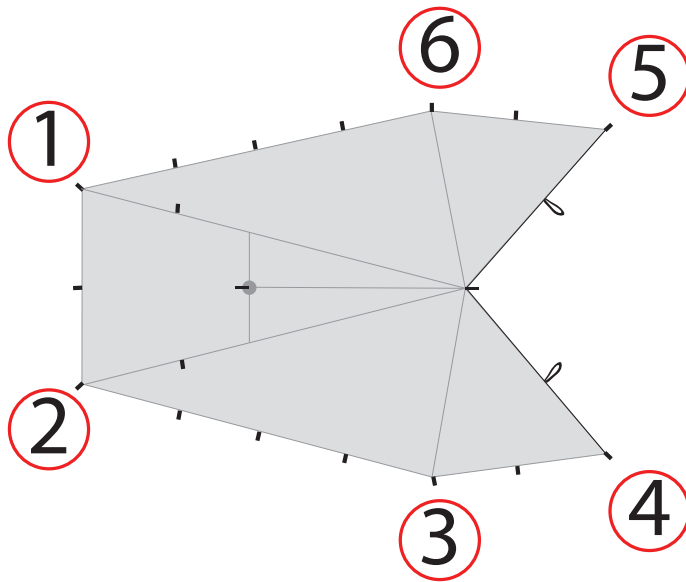
CHOOSING A CAMPSITE

When selecting a site to setup your SilShelter look for an area that is level, clear of sharp stones and other debris, is sheltered from the wind and will drain water away when it rains. If you do not have poles to help with your setup then try and find a sturdy tie point for a main line, which attach to the apex of the shelter. It is critical to ensure that this main line is strong and will withstand a significant amount of tension from tightening and from the wind. It is faster to setup the tarp over soft ground so you can use stakes to secure the corners but if the ground is too hard then you can collect a number of large rocks to secure them in stead.

Before setting up the shelter determine which direction the wind is coming from and try to face one of the side walls of the shelter to the prevailing wind. If the wind is strong then extra caution will be necessary in how securely the tie-out points are anchored.

SILSHELTER SETUP

DETAILED SET-UP INSTRUCTIONS



1. Stake out tie loops 1 and 2 tight and even to each other.
2. Stake tie loops 3 and 6 at 90 degrees to 1 and 2.
3. Insert pole in pole cup (44" maximum pole height) and erect eh SilShelter.
4. Stake down the door tie loops 4 and 5 starting with 4 and overlapping 5 on top.
5. Stake down additional tie outs as desired starting with the middle rear wall tie loop.
6. Final tensioning of the SilShelter should be done by extending the pole.

Note: To ensure a proper seal at the top of the entrance it is critical to overlap tie out 5 sufficiently to allow a tight seal. Optimal ventilation is attained when the SilShelter has a 2-4" gap at the bottom of the walls after set-up.

WARNINGS

SILCOAT IS A FLAMMABLE FABRIC



Silcoat is highly flammable, keep it clear of any direct flame and all heat sources

WARRANTY

All Integral products are warrantied to the original owner against defects and workmanship. If a product fails due to manufacturing defect, Integral will repair or replace it at its option. Repairs due to accident, improper use, or wear and tear will be charged on a time and material basis.

MADE IN CANADA

All Integral Designs products are proudly made in our own factory in Canada. Our factory is located in Calgary, Alberta, in the shadow of the Canadian Rockies where we can manufacture a product one day and test it in the mountains the day after. Production runs are small and quality control is closely monitored.



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