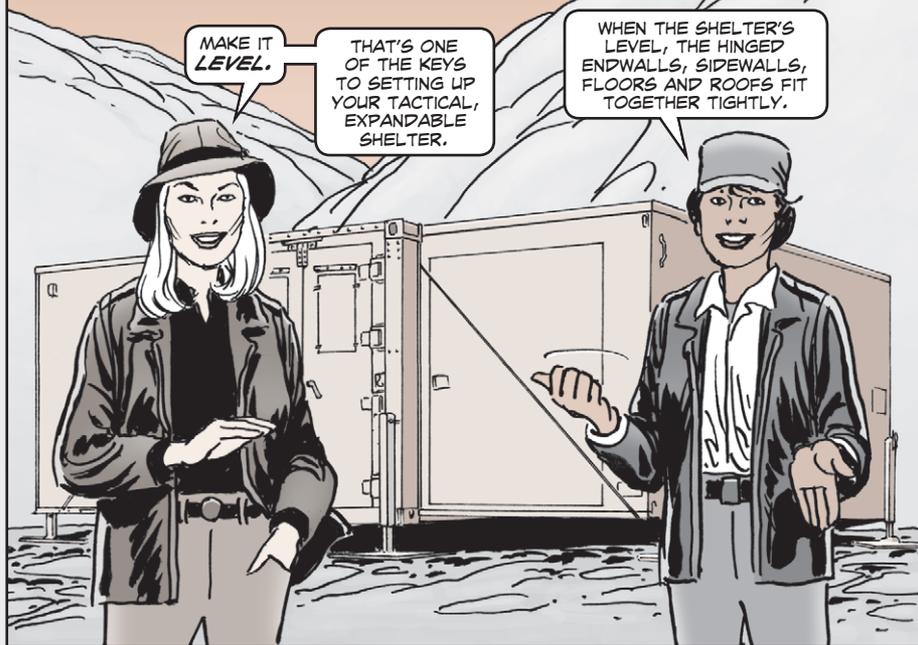


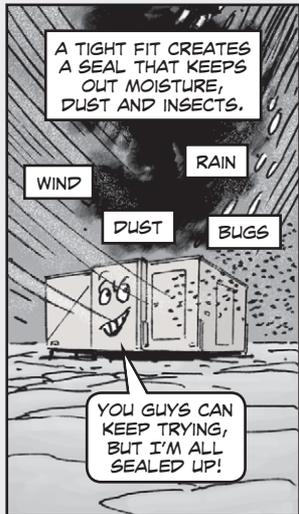
Do Your Level Best



MAKE IT LEVEL.

THAT'S ONE OF THE KEYS TO SETTING UP YOUR TACTICAL, EXPANDABLE SHELTER.

WHEN THE SHELTER'S LEVEL, THE HINGED ENDWALLS, SIDEWALLS, FLOORS AND ROOFS FIT TOGETHER TIGHTLY.



A TIGHT FIT CREATES A SEAL THAT KEEPS OUT MOISTURE, DUST AND INSECTS.

WIND

RAIN

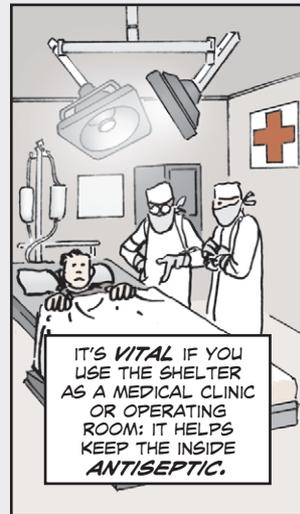
DUST

BUGS

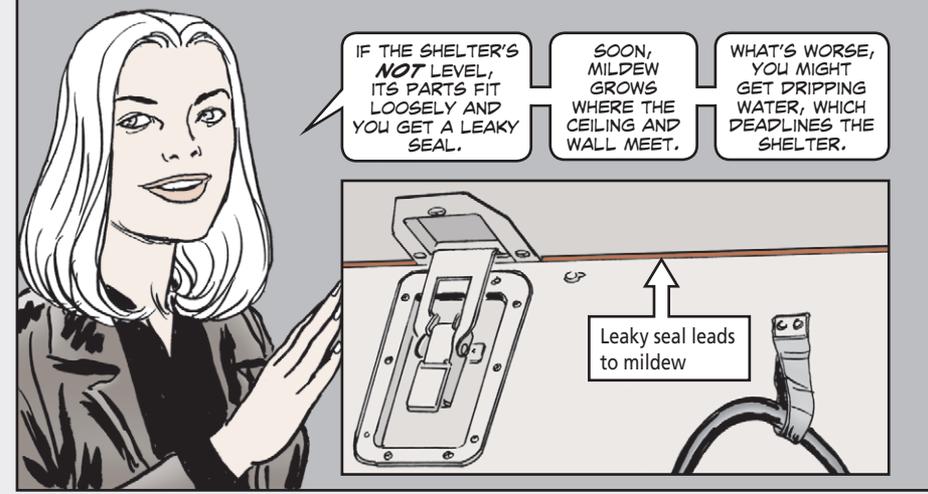
YOU GUYS CAN KEEP TRYING, BUT I'M ALL SEALED UP!



THAT SEAL IS IMPORTANT IF YOU STORE GEAR INSIDE.



IT'S VITAL IF YOU USE THE SHELTER AS A MEDICAL CLINIC OR OPERATING ROOM: IT HELPS KEEP THE INSIDE ANTISEPTIC.



IF THE SHELTER'S **NOT** LEVEL, ITS PARTS FIT LOOSELY AND YOU GET A LEAKY SEAL.

SOON, MILDEW GROWS WHERE THE CEILING AND WALL MEET.

WHAT'S WORSE, YOU MIGHT GET DRIPPING WATER, WHICH DEADLINES THE SHELTER.

Leaky seal leads to mildew

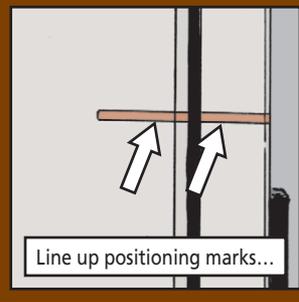


HERE'S HOW TO LEVEL THE SHELTER AND CREATE A TIGHT SEAL...

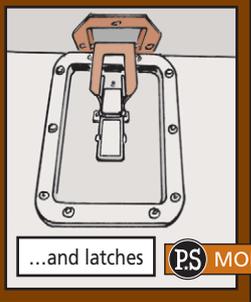
- Assign a soldier to each leveling jack. Raise all four corners of the shelter at the same time. That helps to evenly spread out the weight and makes it easier to turn the jack handles. Raise the shelter about 3 inches off the ground.

The bull's eye levels will tell you when the shelter is level. If the bull's eye level is broken, use a 2-ft carpenter's level on the corner post.

- When you expand the shelter, line up the positioning marks on the walls and roofs. To line up the marks, raise or lower the leveling jacks under the floors and sidewalls. You must line up the marks or you won't be able to close the latches inside the shelter. It's also a good idea to post a soldier inside the shelter to let you know when the latches line up. Be sure the roof latches line up in the middle of the latch boxes on the ceiling.



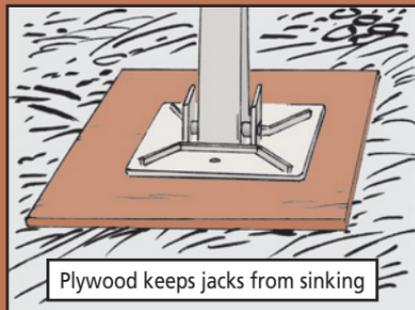
Line up positioning marks...



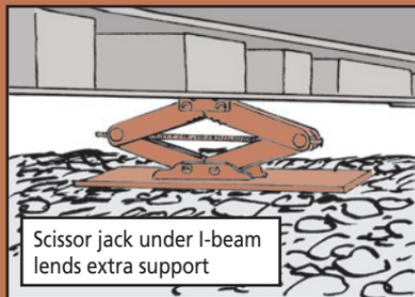
...and latches

PS MORE

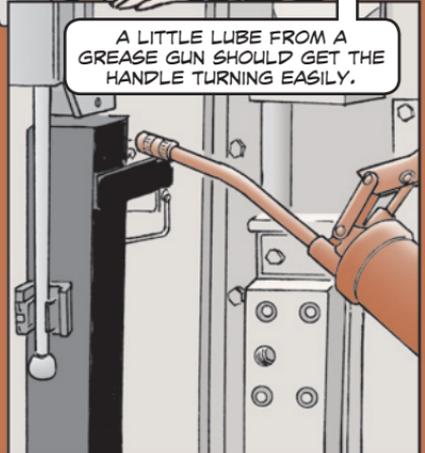
- If the ground's soggy, put a 2 x 2-ft piece of $\frac{3}{4}$ -in plywood under the jacks to keep them from sinking.



- To make your shelter more stable, put a standard scissor car jack under the center of the I-beam. If your shelter expands to only one side, use one scissor jack. If it expands to two sides, use two scissor jacks, one under each I-beam.



- To level a two-sided expandable shelter, you'll need eight leveling jacks. To level a one-sided expandable shelter, use six leveling jacks.



FOR MORE ON EXPANDING THE **TWO-SIDED** SHELTER, SEE CHAPTER 2 OF TM 10-5411-200-14.

FOR MORE ON EXPANDING THE **ONE-SIDED** SHELTER, SEE CHAPTER 2 OF TM 10-5411-201-14.

