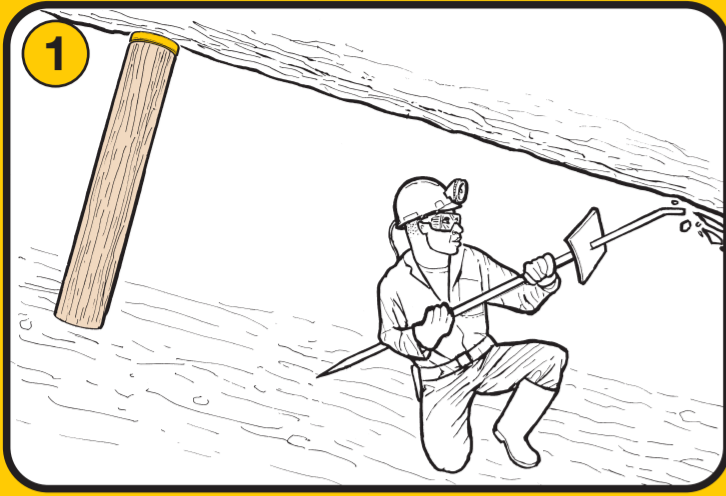
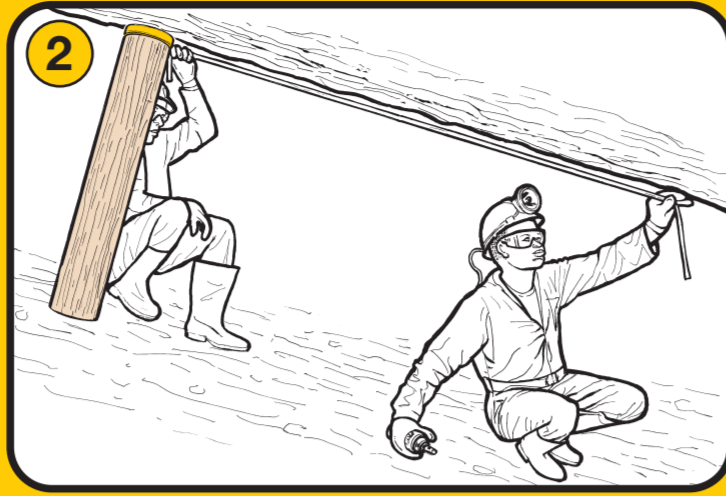


Terramac™

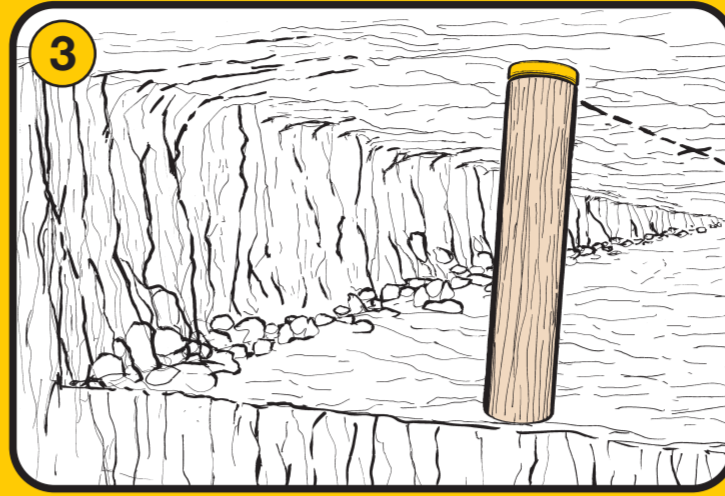
Installation Instructions



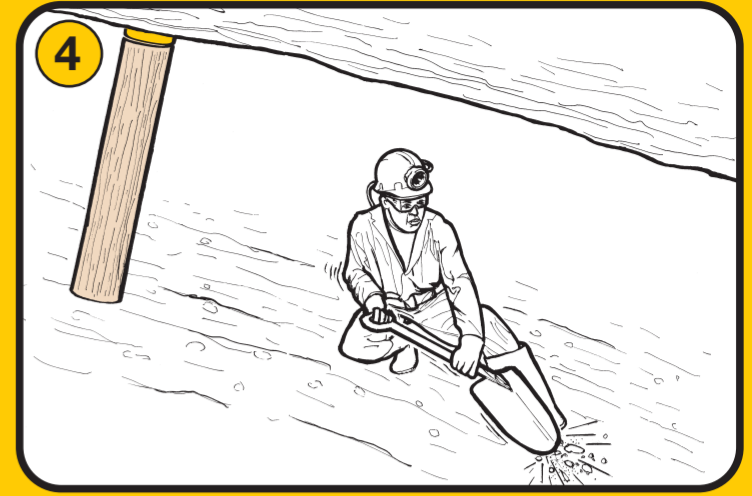
1. Before installing the Terramacs, clear the hanging wall of loose rock and prepare a solid even surface.



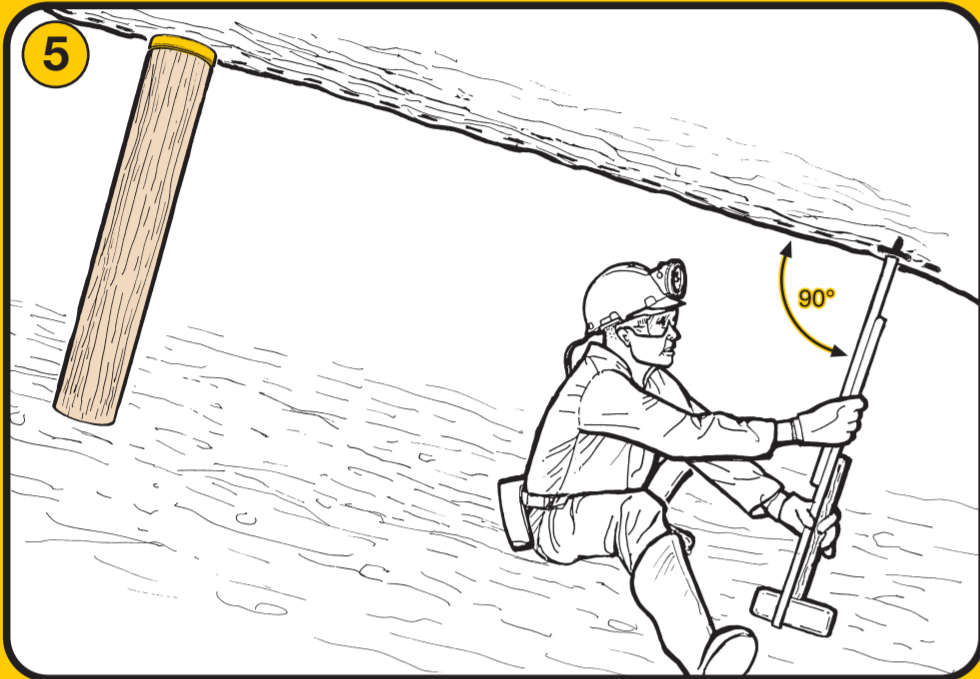
2. Measure and mark the positions for the Terramacs on the hanging wall according to your mine standards.



3. Make sure that the marks for the Terramacs are in a straight line.



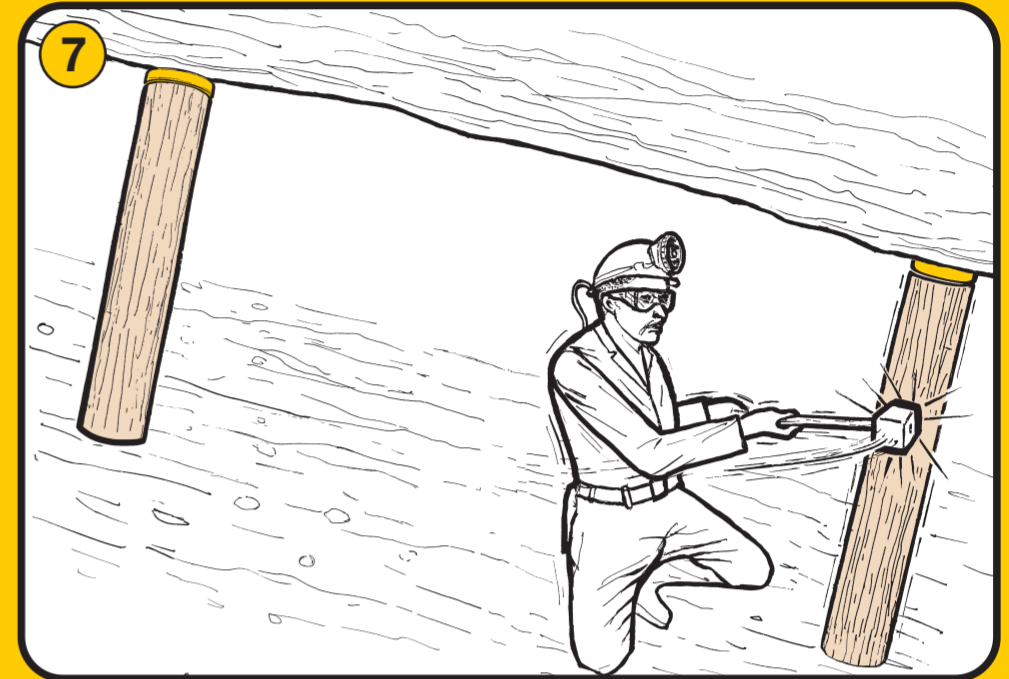
4. Clear the footwall of broken rock and prepare a solid surface.



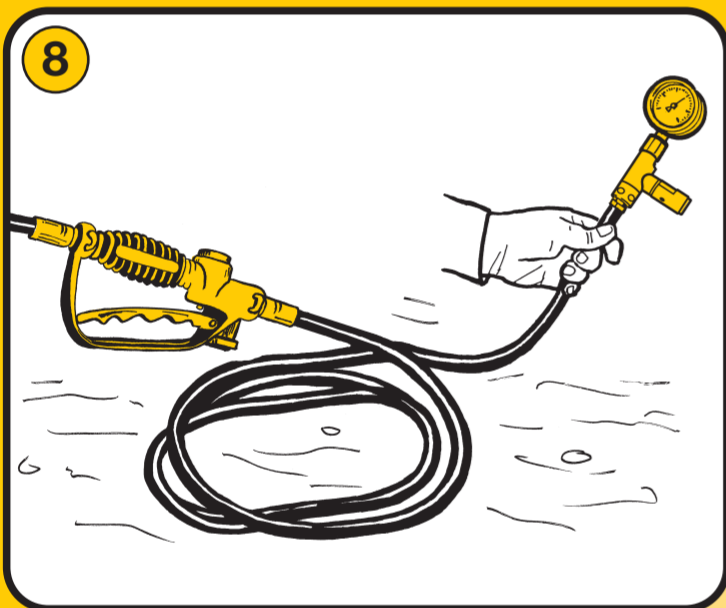
5. Using two sticks measure the distance between the hanging-wall and the foot-wall (Jackpot). Use a hammer to make sure you measure at 90° to hanging-wall.



6. Cut the pole exactly to your measurement. A straight cut will reduce the amount of pumping required. Do not cut the end which holds the Jackpot, always cut the free end of the pole.



7. Place the Terramac in position and hammer in at 90 degrees to the hanging wall.



8. Check the relieving pressure daily (see "Pressure Setting" box).

METHOD: Fit the pressure gauge to the nozzle at the end of the hose and pull the trigger.

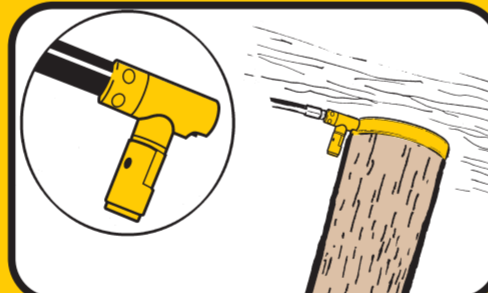
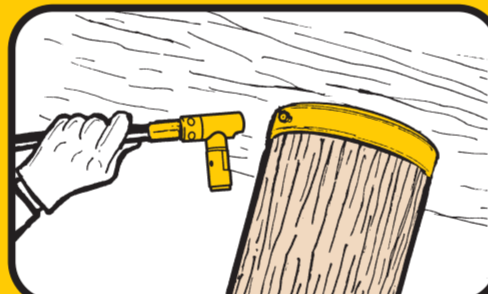
Pressure Setting

For safety reasons the pressure relief valves on the pistol and hand pump must not be tampered with.

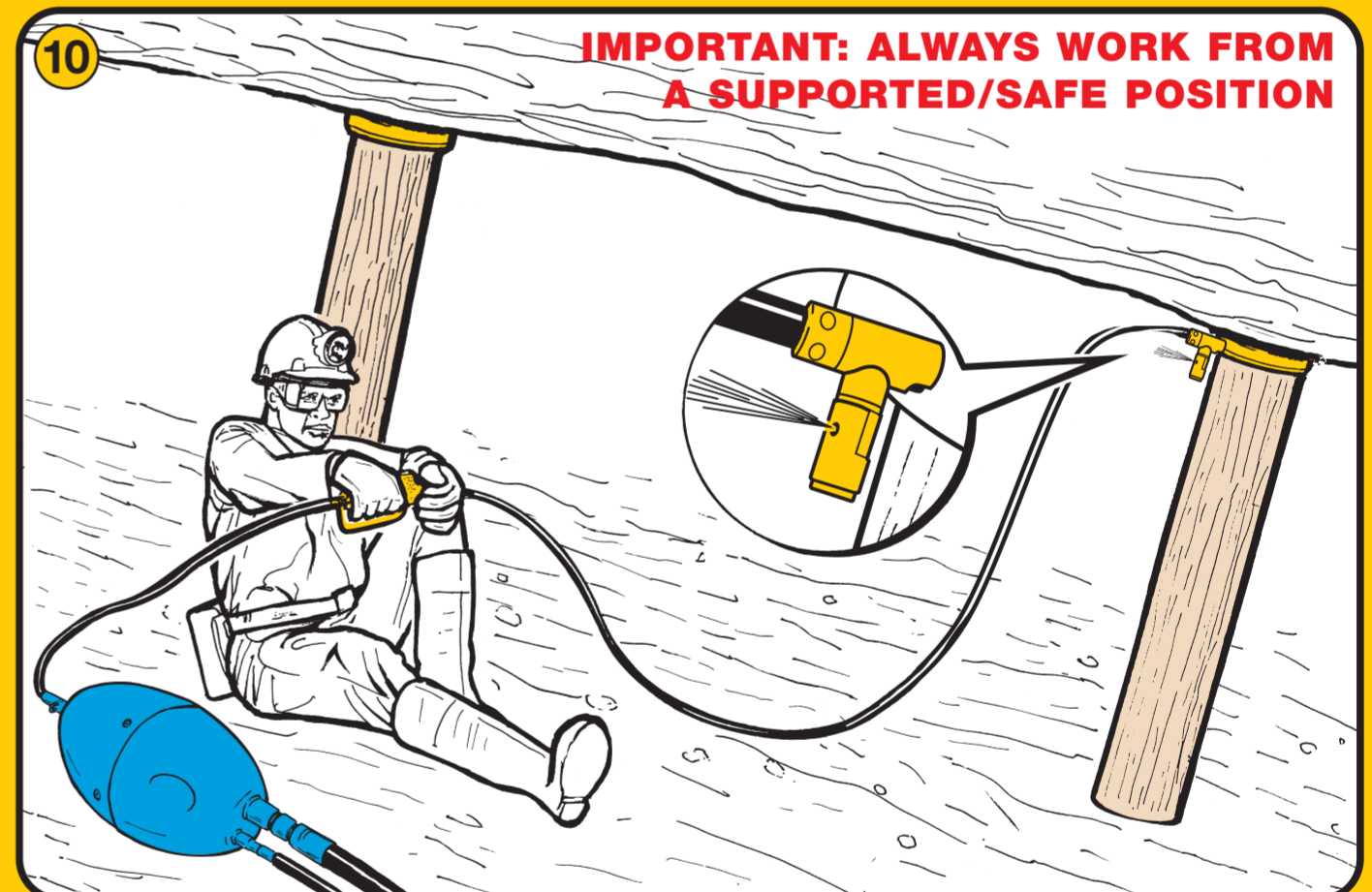
These are factory set to the required mine standard (typically 14 MPa).

The relief pressure can be checked underground by connecting the Jackpot pressure gauge.

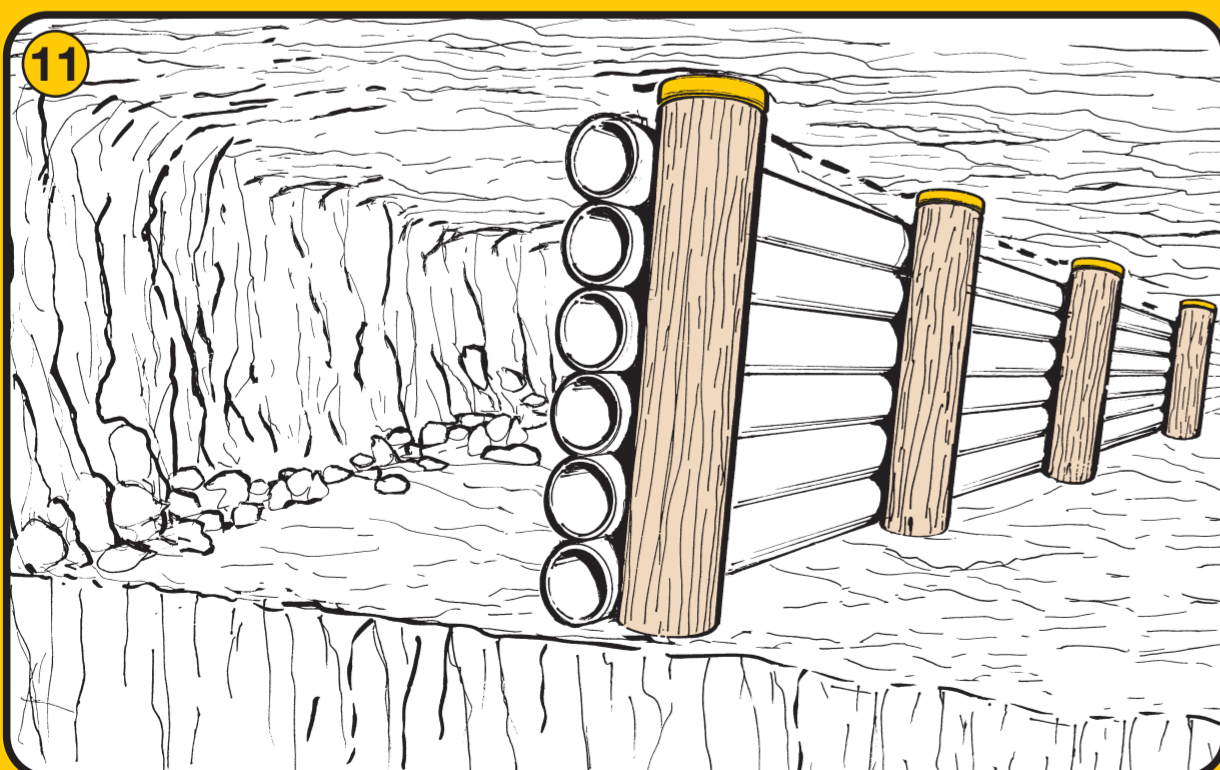
Where the pump or pistol does not relieve at the correct pressure it should be sent to surface for service.



9. Remove Jackpot cap, clean valve if required. Attach the nozzle.



10. From a safe position pump water into the Jackpot using the Safety Pistol. When the correct pressure is reached, water will squirt out of the relief valve.

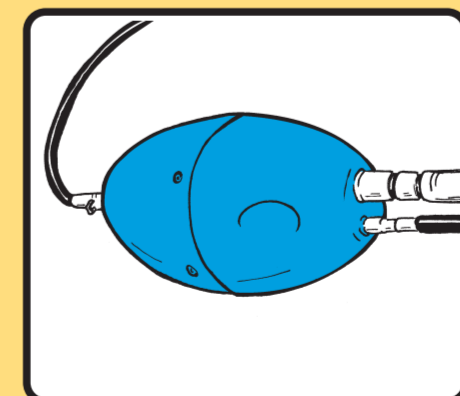


11. When looking at the installed props from the top or bottom of the panel, only one stick should be visible; (all are in a straight line). The blast barricade can now be fitted.

Safety tips and hints:

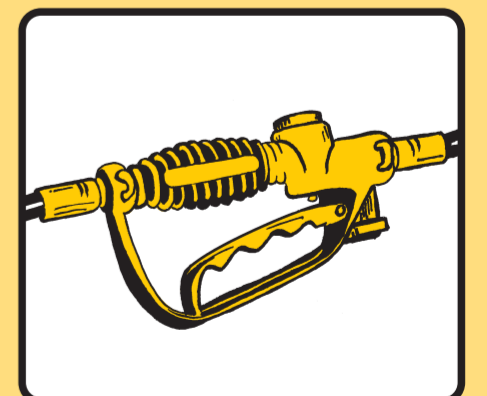
1. **POSITION YOURSELF IN A SUPPORTED AREA WHEN INSTALLING.**
2. Check daily for leaks on pump, hoses and nozzle. Repair any leaks immediately.
3. Always make sure you are wearing gloves and safety goggles when installing Terramacs.
4. The sticks should be measured and cut accurately & hammered into position for best results, (before inflating Jackpot).
5. Accurate measuring and cutting also reduces the amount of pumping required as the correct pressure is reached sooner.
6. Check the relieving pressure daily. This will ensure all support installations are as solid as possible.
7. Terramac can be installed with the Jackpot on the hanging wall or the foot wall.

The key Jackpot accessories are:



High Pressure Air Pump

Part Numbers:
JP-HAP8 – no hoses
JP-HAP8C – c/w hoses, pistol & nozzle



High Pressure Safety Pistol

Part Numbers:
JP-SP88 – no hoses
JP-SP88C – with hoses

