

## BENFELT CS - welding manual

BENFELT CS type, with geomembrane thickness from 0,5 mm up to 2 mm , requires welding on the joints. BENFELT can be sealed by thermally welding the PP or PE membrane panels together. The recommended method enables one man to weld joints at a rate of approximately 6m/minute.

The following equipment is required:

- TWINNY S or T Thermal Welding Machine
- Mask/Glasses
- Safety Gloves



To thermally weld a waterproof seal between two sheets of BENFELT:

1. Place the adjacent sheets with the PP or PE side down and overlap by a minimum of 100mm



2. Lift the overlapped sections of the sheets so that the membrane faces are touching, forming a prior joint. The size of the overlap may be increased during welding to allow access for the welder.



3. Place the hot air nozzle of the machine between the two sheets, and adjust the speed and temperature, depending on ambient temperature



4. Start the automatic welding, adjusting as required to keep the welder on track. Handheld equipment may be helpful to seal difficult areas

