

# HYPERSEAL JOINTING INSTRUCTIONS

## *Application Instructions*



### **Description**

Hyperseal Jointing Jig and Electrical Welding Heat Rod are utilised for the installation of Hyperseal D150, Hyperseal D200 and Hyperseal D230.

### **Uses**

Hyperseal Jointing Jig and Electrical Welding Heat Rod are suitable for use with Hyperseal D Series PVC waterstop profiles with or without hydrophilic rubber, for the treatment of concrete construction joints or expansion joints

### **Application Instructions**

1. Carefully measure the length of waterstop required and add 5 or 6mm to each mating end to allow for melting of the compound during the heat welding process.
2. Clamp the end to be trimmed into one of the jointing jigs and cut to the required length using the side of the jig as a guide.
3. Repeat this operation for the other mating end.
4. Clamp the two ends into their respective sides of the jointing jig, with approximately 10mm projecting and engage the guide rods.
5. Plug the welding blade and allow to warm up. using a small offcut of waterstop, check that the blade reaches a temperature sufficient to melt the PVC.
6. When the blade is at melt temperature, place it on the edge of the guide rods of the jig between the mating ends of the waterstop and press the waterstop firmly against either face of the blade until a molten bead of PVC approx 3mm thick appears along the length of the blade. Slide the jig apart, remove the heating blade and push the waterstop back together holding under pressure for a while which allows the molten PVC to fuse together.
7. Unclamp the jigs and carefully remove the joined waterstop, taking care not to flex the joint until it has cooled. Water spray can be used to speed up the process.



### **Limitations**

- Do not immerse blade in water/liquids.
- Check that blade voltage matches supply voltage.
- Ensure that heater blades are earthed by the green/yellow wire and that the wiring operation is carried out by a competent electrician.

### **Technical Support**

For any additional information not expressed in this document, please contact us via the details below.

### **Safety**

Before using or handling materials, please read all relevant Material Safety Data Sheets (MSDS).