Installation Guide

The following details offer information and advice for designing and installing a pipework system. It is recommended that where reference is made to other manufacturers' materials, the appropriate manufacturer is consulted to ensure that the data is current and correct.

Joining Copper with Cuprofit

1. Ensure the fitting is the right size for the tube.
2. Using a suitable tube cutter, cut the tube end square. Ensure tube end is round and free from any damage.


Cut

3. To prevent damage to the 'O' ring, **it is essential that all burrs are removed and the outside diameter of the tube is correctly chamfered.** It is necessary to ensure that a full circumferential chamfer is applied. This process is greatly assisted by using the COAS Deburring tool.


Deburr

4. Using a pen or pencil, mark the length of tube required to make the joint. This provides visual evidence that the tube has been fully inserted.

   Do not score the tube.

   (Socket depths are given in Table A on page 13)


Mark

5 Keeping the fitting and tube in line and without applying any force, locate the tube end within the mouth of the socket squarely touching the grip ring. Then drive fully home through the grip ring, right up to the tube stop. A slight twisting action of the tube or the fitting often facilitates installation.

N.B. Gross misalignment could cause damage to the 'O' ring.

Additional lubrication to the tube will assist in difficult situations. Only WRAS approved silicone should be used.

Note: When using Cuprofit to install soft copper an appropriate liner must be used.

6 Attempting to pull the tube away from the joint ensures the grip ring is securely engaged.

Table A

Approx. Socket Depth	
Size (mm)	**Depth (mm)**
10	17
15	18
22	22
28	27