Pegler Modular jointing instructions

The Pegler Modular unit connects to both the pipework and the terminal unit. Different connection options can be specified for both these ends, and the jointing instructions for all of these are detailed below.

Connections to pipework

There are three choices of connection to the main pipework system – BSP female, Tectite Pro or XPress.

BSP female connections

BSP female connections can be connected to steel tube to BS 1387 with threaded ends.

Preparation

1. Select the correct sized tube – ½" or ¾".
2. Follow the tube manufacturers' instructions for tube preparation and select the appropriate sealant or jointing compound in accordance with these instructions.

Jointing – using a union nut (such as a Yorkshire YP3)

1. Apply the sealant or jointing compound as laid down in the tube manufacturers' instructions.
2. Screw the steel tube into the female BSP outlet connection.

Jointing – without the use of a union nut

1. Break the flushing bypass connection at either joint.
2. Screw the two halves of the Pegler Modular assembly onto the two pipes using the appropriate jointing compound.
3. Rotate the assemblies until the flushing bypass connection can be remade.

Tectite Pro connections (available Quarter 4, 2005)

Tectite Pro can be connected to copper tube to BS EN 1057, carbon or stainless steel tube to BS 4127:1994 Or DIN 2394/NEN 1982 for use with the Pegler Modular system.

Preparation

1. Select the correct sized tube – 15mm or 22mm.
2. Cut the tube square using a rotary tube cutter where possible. If using a hacksaw, select a finetoothed blade. Take care to ensure that the tube end is cut square, deburred and chamfered.
3. Remove any burrs or sharp edges from the external tube, and ensure the internal bore is deburred.
4. Wipe clean the tube end to remove any debris – this helps to avoid damage to the "O" ring when inserting the tube.
5. Mark the socket depth on the tube.

Jointing of Tectite Pro connections

1. Insert the tube through the release collar to rest against the grab ring.
2. Push the tube firmly with a slight twisting action until it reaches the tube stop with a positive "click".
3. Ensure the depth insertion marks corresponds with the mouth of the fitting, then pull firmly on the tube to ensure the fittings is secure.

Pegler Yorkshire
St. Catherine's Avenue,
Doncaster, South Yorkshire, DN4 8DF.
www.pegleryorkshire.co.uk

Connections to terminal unit

There are three choices of connection to the terminal unit – multilayer Eurocone compression, copper Eurocone compression, male flat face and Tectite Pro. In most cases, Pegler Modular will connect via pipework to the terminal unit. 15mm tube or pipe should only be inserted into the Y-Strainer or ball valve to a maximum depth of 25mm.

Copper Eurocone compression connections

Copper Eurocone compression connections can be connected to copper tube to BS EN 1057.

Preparation

Follow the preparation procedure as for Tectite Pro and compression connections.

Jointing

1. Slide the Eurocone compression fitting completely over the tube.
2. Using a torque spanner, fix the nut at a torque of 35Nm.

Tectite Pro connections

Follow the prep procedure as for connections to pipework

Male flat face connections

Male flat face connections are for connection to 15mm copper tube to BS EN 1057.

Preparation

Follow the preparation procedure as for Tectite Pro and compression connections.

Jointing

1. Apply the rubber washer as laid down in the fitting manufacturers' instructions.

2. Attach the copper tube to the appropriate connector (a Yorkshire YP68FF 15mm x ¾" is ideal), and then screw to the male flat face connection.

Pegler Yorkshire
St. Catherine's Avenue,
Doncaster, South Yorkshire, DN4 8DF.
www.pegleryorkshire.co.uk