

Pipe Supports

- installation

Pipe Supports, as described in Proserve Brochure Sheet B110a, may be readily installed by diver or Remotely Operated Vehicle. Divers may usually operate in depths to some 30 to 50 m, with ROV typically used beyond such depths.

Diver installation is preferable where possible, as the pipe bearing is more reliable, and more grout is required for R.O.V. installed supports due to positioning tolerance.

The following notes are intended for initial guidance only, a detailed Installation Guide is prepared and agreed based on job specific information.

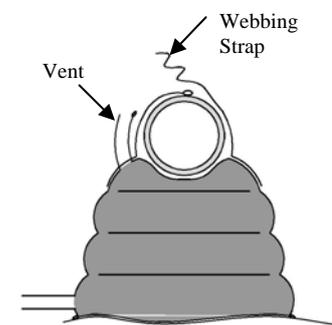
Diver Installed Method

1. The Diver fastens the fabric formwork pipe support bag to the pipe using webbing straps as shown, with the vent tied up.
2. The bag is positioned and secured to the sea floor, ensuring that it is central beneath the pipe.
3. The pipe support is pump filled from the surface, usually with neat cement grout.
4. Pumping stops when there is grout discharge from the vent, which ensures a good bearing contact with the pipe.
5. Diver disconnects the filler hose. (Self closing filler sleeve provided to the bag).

Proserve Ltd.
80 Priory Road,
Kenilworth,
Warwickshire, CV8 1LQ,
England

UK: 01926 512222
Int: 00 44 1926 512222
office@proserveltd.co.uk
www.proserveltd.co.uk

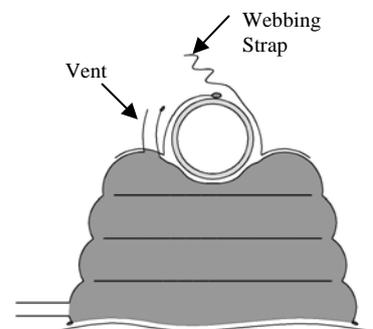
Fabriform



Diver Installed Block

R.O.V. Installed Method

1. Fabric formwork pipe support bag, with grout filler hose pre-attached is lowered on a lowering frame next to pipe.
2. R.O.V pulls the formwork into position using a pulling bar which is manoeuvred underneath the pipe. R.O.V installed bags are typically 600 mm wider than Diver installed bags to give an extra positioning tolerance, typically 300 mm. R.O.V. ties up side vents.
3. The pipe support pump filled from the surface, usually with neat cement grout. The formwork rise as it is filled to form the bearing.
4. Pumping stops when there is grout discharge from the vent. Effective bearing contact checked by R.O.V.
5. R.O.V disconnects filler hose. (Self closing filler sleeve provided to the bag).



R.O.V. Installed Block

