

UTILITY TROUGHS INSTALLATION GUIDE

INSTALLATION PROCEDURE

1. Prepare formation to required level and lay granular/concrete base to required thickness.



2. Position trough using cast in lifting sockets to required line and level.



3. Position adjacent trough and, where required, apply polyurethane sealant between units.



4. Place stone/concrete haunching to sides of trough as installation proceeds and where required.

5. Continue installation procedure to form required length of ducting.



6. Carefully place suitable backfill material around trough to re-form required finished levels.

7. Install adjacent construction.

8. Install services into ducting.

NOTES

1. The information provided is for guidance only and should be reviewed with regard to actual ground conditions, and applied loading.
2. A mortar bed (min 25mm thickness) may be provided between trough and stone/concrete bedding to aid alignment and setting out.
3. Where troughs are laid to provide a sealed unit, or where the haunching serves to retain water, the formation of a sump may be necessary – please liaise directly with project engineer/designer.
4. Where units are to be sealed, a proprietary polyurethane sealant may be used.
5. Changes in direction can be achieved by using tees, corners and angled units. Various sizes and configurations are available including stop ends. Please contact us for further details.
6. In locations where vehicles will be moving over the installed units/lids, to minimise the risk of movement, lids should be seated on a minimum thickness of 2mm rubber bearing strip to reduce noise and vibration effects.
7. Parallel lengths of troughs should not be installed immediately adjacent to each other. However, subject to actual loading conditions, this may be acceptable. Please liaise directly with the project engineer/designer.