Corform is a permanent formwork system for the construction of concrete bridge decks. The system is ideally suited to civil engineering projects where the deck formwork cannot be supported from beneath with the use of props (over railway tracks for example).

Each Corform panel is designed and manufactured to suit the required span, concrete depth and deflection criteria for the project. Manufactured from GRP (glass reinforced plastic) with reinforced steel ribs, Corform is a non-participating formwork that stays in place after the concrete deck is poured.

**Key Features**

- Individual panels manufactured to meet specific requirements of the project
- Panels are designed to span between beams without additional support or props
- Non-standard profiles, skewed ends and tapered units can be supplied
- Detailed installation drawings provided by Cordek upon request

**Installation**

Panel installation should be based upon the agreed panel layout drawings provided by Cordek.

Prior to installation, a strip of PVC Foam Tape and an 8mm Butyl Bead (supplied by Cordek) should be positioned on the upper flange of the supporting beams. Typically each Corform panel is then positioned over the PVC Foam Tape and 8mm Butyl Bead, with a minimum 50mm bearing on to the supporting beams.

Subsequent panels should be tightly butted together with a 50mm Butyl Tape (supplied by Cordek) positioned equidistantly over the joint between the two panels.

Following the installation procedure outlined above, the reinforcement can be positioned on the Corform panels with the use of suitable spacers, prior to the pouring of concrete to form the bridge deck slab.

**Storage & Handling**

Corform panels are usually stacked with timber spacers between each panel to enable lifting by either forklift or crane. If the use of a crane is proposed, then lifting holes within the stiffeners can be included during manufacture.

If panels are stacked during storage, they should be positioned on a flat level surface with the appropriate number of timber spacers.

For further information on the full range of Cordek’s Permanent Formwork for Groundbeams & Pile Caps, please contact the Cordek technical team on 01403 799600, techsupport@cordek.com or consult our website at www.cordek.com.
Product Data

Each panel type is manufactured to suit the requirements of the project based upon the following criteria:

- Clear span of the Corform panels
- Dimensions/centres of the beams that will support the panels
- Bridge deck reinforcement
- Depth of concrete bridge deck
- Minimum deflection criteria
- Any delivery, storage or lifting restrictions