

Groundform & Sideform Data Sheet



Cordek have developed a range of permanent formwork solutions for the construction of cast insitu ground beams and pile caps, utilising their own heavy duty Correx sheeting system. The U-shaped profile of a ground beam can be formed using the Groundform system or alternatively, if only side shuttering only is required, Sideform can be utilised.

In addition to standard profiles, Groundform and Sideform systems can be supplied with additional components including corner connectors, formbraces, infill panels and straight connectors. In addition a range of reinforcement spacers are also available from Cordek for use with either Groundform or Sideform systems.

Key Features

- Minimises concrete wastage
- Quick and simple to install
- Manufactured to meet specific site requirements
- Material scheduling service offered
- Provides a spoil free excavation for the construction of cast in-situ structures
- Available as flat panels for site fabricated formwork or can be pre-formed to required profile
- Can be left in-situ without the need for striking
- Light enough to be handled by a single operative

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.

Installation

Following excavation of the ground beam / pile cap location, the selected permanent formwork system should be unfolded and lowered in to the excavation, ensuring that it is fully supported by the sides of excavation / backfill. Each panel should then be connected in series using either a straight or corner connector as required.

Prior to placement of the reinforcement, the appropriate spacers should be positioned beneath and to the sides of the reinforcement, to ensure adequate concrete cover is achieved – please see the Reinforcement Spacer data sheet for further guidance.

Following placement of the reinforcement, formbraces should be installed where required to provide additional stability to the formwork system, prior to pouring of the concrete.

Storage & Handling

All Groundform, Sideform and Pile Cap Formers are delivered in flat pack form, for assembly on site, in order to reduce transportation costs and storage space requirements. Each panel is cut and creased as required, so that simple assembly can take place on site. Panels should be transported and stored on an appropriately sized pallet, prior to use.



Product Data

Product	Thickness (mm)	Weight (g/sqm)	Max. Depth of concrete (mm)	Max. Panel Dimensions
Groundform	8.0	1700	2500	2440mm x 2500mm*
Sideform	8.0	1350	660	2440mm x 2500mm
Pile Cap Formers	8.0	1350 / 1700	660 / 2500	2440mm x 2500mm

*When the 'U' shaped profile of Groundform exceeds 2.5m overall (combination of base and side dimensions) two 'L' shaped panels may be supplied which should be joined using a suitable Cordek formwork tape.

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DISCLAIMER: Information contained within this 'Technical Data Sheet' is for guidance only, and it is intended for experienced construction industry workers. It contains summaries of aspects of the subject matter and does not provide comprehensive statements of construction industry practice. As conditions of usage and installation are beyond our control we do not warrant performance obtained. Please contact us if you have any doubt as to the suitability of application. The information provided within this document is based on data and knowledge correct at the time of printing.

Cordek Ltd

Spring Copse Business Park, Slinfold, West Sussex
RH13 0SZ, United Kingdom

Telephone (+44) 1403 799600 Fax (+44) 1403 791718
E-mail info@cordek.com

www.cordek.com

