

Groundform & Sideform Data Sheet



Cordek have developed a range of permanent formwork solutions for the construction of cast in-situ 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. 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
- Provides a spoil free excavation for the construction of cast in-situ concrete foundations
- Available as flat panels for site fabricated formwork or can be pre-formed to required profile
- Can be supplied pre-formed to required profile
- Light enough to be handled by a single operative

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 and staple clip 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.

Further information relating to installation can be found within the Groundform & Sideform Installation Guide available for download from www.cordek.com.

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, info@cordek.com or consult our website at www.cordek.com.



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	1200	2440mm x 2500mm*
Sideform	8.0	1350	660	2440mm x 2500mm
Pile Cap Formers	8.0	1350 / 1700	1200	2440mm x 2500mm

*When the 'U' shaped profile of Groundform exceeds 2500mm 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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