

# Corgrid Formwork System Data Sheet



The Cordek Corgrid system is designed to provide an economical permanent formwork system for the construction of reinforced concrete ground beams, pile caps and other associated cast in-situ structures.

Corgrid is manufactured using a steel wire mesh, encapsulated in a robust heat shrunk polythene sheet and is available in a variety of sheet sizes to suit a range of applications. Corgrid sheets are available pre-formed to the required formwork profile or as flat panels which can be fabricated by the installer to the required shape.

## Key Features

- A wide range of sheet sizes to suit a variety of applications
- Available as flat panels for site formed formwork or can be pre-formed to required profile
- Reduces the time and costs associated with blinding and spoil removal from the excavation
- Can be left in-situ without the need for striking
- Light enough to be handled by a single operative
- Fast and easy to install
- Can reduce the working space required
- Provides a spoil free excavation for the construction of cast insitu structures
- Detailed schedule of required components and material take off's available.

## Installation

The Corgrid system can be installed by a single operative using basic hand tools. Overlaps between individual panels should be a minimum of 150mm and when required connections between panels should be secured with tying wire.

For further details regarding installation, please consult the Corgrid Installation Guide, which is available upon request from the Cordek Sales Team or can be downloaded from [www.cordek.com](http://www.cordek.com).

Prior to positioning of reinforcement upon / within the Corgrid formwork, it is recommended that Cordek reinforcement spacers are utilised in the required locations. Please consult the Cordek Reinforcement Spacer Data Sheet for more information on the range of products available.

For further information on the full range of Permanent Formwork for Groundbeams & Pile Caps, please contact the Cordek technical team on 01403 799600, [techsupport@cordek.com](mailto:techsupport@cordek.com) or consult our website at [www.cordek.com](http://www.cordek.com).

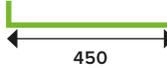
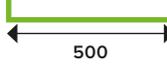
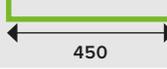


### Storage

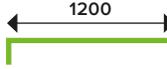
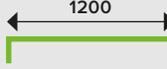
Corgrid panels should be transported and stored on an appropriately sized pallet, prior to use. Pre-formed profiles are stacked inside each other to reduce transportation costs and storage space requirements.

Care should be taken when handling any site cut panels, due to the risk posed by potential sharp edges in the steel wire mesh formed during cutting.

### Product Data

Length (mm)	Area	Dimensions (mm)	Corgrid Panel Dimensions (mm)
2400	Groundbeams	300 	2400 x 900
2400	Groundbeams	400 	2400 x 1200
2400	Groundbeams	450 	2400 x 1350
2400	Groundbeams	450 	2400 x 1500
2400	Groundbeams	500 	2400 x 1500
2400	Groundbeams	600 	2400 x 1650
2400	Groundbeams	550 	2400 x 1650
2400	Groundbeams	600 	2400 x 1800

Depth (mm)	Area	Dimensions (mm)	Corgrid Panel Dimensions (mm)
450	GB Corners	1200 	2400 x 450
600	GB Corners	1200 	2400 x 600

Available panel sizes: Length – 2400mm; Width – 450mm, 600mm, 900mm, 1200mm, 1350mm, 1500mm, 1650mm and 1800mm.

Additional sizes available on request.

Thickness: 4mm (max)

Colour: Green

Product Weight: 1.75Kg /m<sup>2</sup>

Issued: 02/2018

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.

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