



## CCS Best Practice Hub Entry

### Prefabricated Reinforced Sections



On our project we have designed and fabricated off site reinforcement sections for the super flat specialised concrete ground floor slabs of a warehouse. This system consists of a prefabricated roll out bottom matt of reinforcement along with prefabricated top matt sections complete with u-bars around the edges and highchairs attached ready to be installed onto the roll out bottom matt. All sections fully prefabricated off site using automated technology and under a controlled environment.

#### Benefits:

- Reduced transport to site and improving on our carbon footprint.
- Reduces steel fixing time by 75% in comparison to traditional methods.
- Increased production outputs on site, thus improving programme for the project.
- Eliminating Health & Safety risks associated with traditional reinforcement assembly in terms of manual handling and back injuries to operatives.
- Panels are designed and prefabricated using the latest 3D technology to increase accuracy and quality.
- All panels arrive on-site pre-slung and loaded in a reverse order sequence to ensure a swift and efficient installation on delivery. As few as three steel fixers are required onsite for the installation process.



