

## South Shields Library.

The proposed new South Shields Library was an ambitious project of bespoke design, with the concept of the whole structure being circular in nature.

Traditionally detailed loose bars would have involved either many graded bars being scheduled and fixed in position, which is a very slow on-site process, or the cutting of standard length bars on site to the profile of the slab edge. This would have resulted in a lot of waste material and also be time consuming.

Hy-ten were able, working in conjunction with Curtin, the project engineers, to detail and shape the Bamtec carpets to suit the building profile.

By using Bamtec carpets Cidon Construction did not waste any time in sorting out graded bars to suit the building profile or produce any waste offcuts, as all carpets are delivered to site pre-shaped uniquely for each location.

The time benefit of using Bamtec on this unusual shaped building was therefore maximised compared to manual sorting and fixing of loose bars.

