

## Museum of Free Derry.

Hy-ten were approached by McAleer & Teague Ltd, to see if using Bamtec would help speed up the installation of the reinforcement to a Bubbledeck slab on their project.

Bamtec drawings were prepared as a direct conversion from the project engineers design. It was important that the bar centres were accurate as the void forming spheres of the Bubbledeck system sit on the bottom mat and the centres of the bars in the bottom mat dictated the height at which the sphere sat in the slab. Too close centres would result in the sphere being too high in the slab, whilst too wide centres would result in the sphere sitting too low in the slab. An error either way would result in loss of either top or bottom cover.

Hy-ten produced the carpets with the reinforcement centres accurate to  $\pm 5\text{mm}$ , this ensured that the spheres would be sitting at the correct height in the slab.

The project manager for McAleer & Teague commented after installing the Bubbledeck with the Bamtec carpets, that the identical slab fixed with loose bar on the floor below had taken six weeks to complete due to the difficulty of the steel fixing tolerance, whilst this next floor had been completed in two weeks. He was delighted!

Bamtec had yet again proved its time saving properties!

