

BYKER WALL



BAUDER BUILDING BOARD

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| Project: | Byker Wall |
| Location: | Newcastle upon Tyne |
| Roof Area: | 4,500m ² |
| Specifier: | Your Homes Newcastle |
| Main Contractor: | Keepmoat |
| Approved Contractor: | Hodgson Sayers |

APPLIED PRODUCTS

- Bauder Total Roof System is a premier bituminous system with a life expectancy in excess of 40 years.
- BauderSOLAR PV system was installed with 132 PV modules being fitted.



As part of the £26 million refurbishment of this Grade II listed residential estate, which features a continuous block of over 600 properties, work was performed to not only repair the existing roof but to bring Byker Wall to the forefront of modern-day roofing technology with the installation of a state-of-the-art photovoltaic system.

Before replacing the existing waterproofing the team needed to convert the pitched metal roof back to its original flat roof status by removing the profiled metal sheets and timber framework. Subsequently, Hodgson Sayers then installed 4,500m² of Bauder's top quality reinforced bitumen system, which included a highly efficient 120 mm PIR insulation.

Four of the ten housing blocks were fitted with 132 PV Modules, enabling Byker Wall to generate at least 39.6 Megawatt Hours of solar power each year. All work was completed on time and to budget in December 2015, much to the delight of all project stakeholders.

Kevin Scott, Property Services Manager at Your Homes Newcastle, "Byker Wall is an exceptional example of how modern roofing can revive a historical landmark. Bauder and Hodgson Sayers delivered a roofing solution of the highest quality giving us total confidence in the future performance of the roof."

BAUDER

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