



## Parex specified for Swedish-style Low energy homes

A PAREX render system is contributing to the appearance of stylish new low energy homes in North East England which are based on innovative Swedish designs by Trivselhus homes.

Trivselhus homes have been setting standards in Sweden for more than two decades and are now being built in the UK by leading North East housebuilder Esh. These homes are thermally efficient, energy saving properties designed to achieve an Energy Performance Rating of category 'A', compared to the standard UK 'E' rating.



For a 16-home development at Hexham Gate on the outskirts of the Roman town of Hexham, Northumberland, the PAREXDIRECT render system has been specified for the rendered elevations of the homes. These incorporate offsite manufactured Trivselhus panels which provide high levels of insulation to contribute towards the overall thermal performance and low energy demand of the homes.

Solar photovoltaics, mechanical ventilation systems and under-floor heating also contribute to low energy requirement and an improved carbon footprint.

# CASE STUDY: Renders & Façade Systems

**PAREX**  
Building expertise, together



Working on behalf of award-winning Esh Homes, specialist applicator B C Stewart Ltd, of Darlington, were responsible for the rendered sections of the homes on site, applying a PAREXDIRECT Acrylic render system, over a 12.5mm Knauf Aquapanel fixed to the Trivselhus panels, which then received a base coat of Parex Maite enhanced with 355 AVU mesh to provide added reinforcement to the render construction.

Following application of a Parex Revlane+ Ignifuge Regulateur primer, the top coat of Parex Revlane+ Ignifuge Taloché Fin 1.5mm acrylic render was applied to provide visual appeal and weatherproof performance to the panels which also incorporate factory installed triple glazed windows as standard.

Esh is currently building Trivselhus homes at four locations in the North East and Cumbria.

**Client:** Trivselhus by Esh  
**Main Contractor:** Esh Homes  
**Applicator:** B C Stewart Ltd, Darlington



## PAREX MATERIALS USED

PAREXDIRECT Acrylic Render System comprising;

Base coat: Parex Maite;  
Reinforcement: Parex 355 AVU Mesh  
Primer: Parex Revlane+ Ignifuge Regulateur  
Top coat: Parex Revlane+ Ignifuge Taloché Fin 1.5mm

### Complementary system materials

Render board: 12.5mm Knauf Aquapanel