

## CASE STUDY

# Sustainable Housing

**Level 4 of the Code for Sustainable Homes**

**Location:** Abbey Walk, Storrington, Horsham, West Sussex

**Unit Type & Mix:** 12 x two, three & four bed family houses for rent.

**Cost:** £1,650m<sup>2</sup>

**Completion Date:** July 2009

**Design Team:** Jon Broome Architects, NDesign, Ellis & Moore, AppleyardsDWB



### Key Eco Features:

- Passive approach throughout to ensure easy 'liveability' for users
- Adaptable : all Lifetime Homes plus one full wheelchair standard
- Highly insulated closed panel timber frame on screw piles
- Passivhaus standard triple-glazed timber windows (U=0.7)
- Whole house ventilation with heat recovery
- Solar hot water system with heat store plus high efficiency boiler
- Natural materials used and avoidance of concrete, PVC, etc
- Low water consumption though efficient design and appliances only