



Bellway Homes - Copperhouse Green Phase 3

Client: Bellway Homes

Contractor: Southern Mastic Roofing Ltd (SMR)

Systems: Axter Wilotekt+, RBM Warm Roofs, Starcoat Liquid Waterproofing.

Scope: Design and installation of felt torch-on warm roofs and hot melt inverted waterproofing systems to lift overruns, main roofs, terraces and balconies, including insulation, drainage and finished surfaces.

CASE STUDY

The Challenge

The scheme required multiple waterproofing systems across roofs, terraces and balconies, each with different build-ups and performance demands.

Integrating warm and inverted constructions while maintaining watertight detailing, effective drainage and durable edge protection was critical, particularly where finished terrace surfaces and balcony interfaces were involved.



The Solution

A coordinated approach combined RBM torch-on felt for warm roof areas with hot melt inverted systems to roofs and terraces.

Waterproofing was installed with reinforced layers, insulation, water-flow-reducing layers and ballast or paved finishes, while parapet outlets, inspection points and PPC flashings were detailed to ensure continuity and long-term performance.

The Result

A robust, manufacturer-compliant waterproofing package was delivered across all external areas, providing durable protection, controlled drainage and high-quality finishes.

The completed works offer long-term reliability, safe maintenance access and consistent detailing across all roof, terrace and balcony zones.

