

The Client: Blackburn with Darwen Borough Council, Urban Regeneration Programme.

The Problem: These traditional terraced houses had been built with timber wall-ties to the rear elevation. These ties had long since perished and failed. The front walls were double layer brick with no cavity. This offered minimal insulation and was showing signs of instability.

The Solution: **Technitherm®** structural grade polyurethane foam was injected into the cavity of the rear elevation. The outer leaf of the front wall was demolished and rebuilt with a 50mm cavity. **Technitherm®** was then injected into this newly created cavity.

The Outcome: A highly stable structure offering significantly improved insulation performance. The properties were ready to help meet the housing needs of Blackburn for many decades to come.

