

# CASE HISTORY

## Houses and Apartments, Basildon



The Commission of New Town wished to enhance the robustness of 400 No. houses and 200 No. 3-4 storey apartments, particularly against the effects of accidental damage caused by gas explosions. The CINTEC anchor was adopted primarily on the basis of cost-effectiveness and least disturbance to the tenants.

Enhanced robustness was achieved by the installation of stitching anchors 6m (20 ft) long tying the front and rear elevations. It required the development of dry drilling techniques and carefully co-ordinated management so that tenants were only required to absent from their properties for one day between 8.00am and 6.00pm. The anchors passed through concrete hollow floors with careful control of level. Special socks and grout pressures were designed for the particular application. Particular attention was paid to keeping tenants informed and to meeting their individual requirements. As a result all the work was completed within cost and programme to the satisfaction of the clients and tenants.



Section through hollow floor



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