



Loose Fill – Hensall School



Project details:

UK Coal, Mining Division, is mining approximately 2 miles below Hensall School. To reduce the amount of structural vibration and dissipating compressive stress on the building as the mining passed underneath, they used Lytag[®] LWA to create a buffer around the school. By removing the earth from all around the foundations of the school footprint and replacing it with loose Lytag[®] LWA, a buffer area was created approximately 1 metre wide by 1 metre deep using Lytag[®] 4/14mm LWA.

A geo-textile membrane was placed over the loose fill, and a bed of sand laid to bed concrete paving slabs.

Project:
Hensall School

Date:
2009

Client:
Hensall Primary School,
(LEA: East Riding of
Yorkshire)

Structural Engineer:
UK Coal

Main Contractor:
NAL Plant Limited, Bolsover

