

PROBLEM



Problematic excavations



Mobile ground



Subsidence

Mobile ground can pose a threat to structures and delay construction processes on-site such as excavations and the installation of piles.

Problems can also occur when mobile ground is in the vicinity of property that is at risk of subsidence.

SOLUTION



Bespoke injection processes



Innovative techniques



Efficient installation

Oxford Hydrotechnics utilise an advanced resin injection process, to bind the ground together, at variable consistencies, resulting in stable ground.

H2OX utilise a systematic injection process whereby lances are driven into the ground, to the required depth. Lightweight, highly flowable resin, is then injected into the soils. The resin permeates the soil before curing to create bulbs of stabilised ground, which can be overlapped to achieve required results.

RESULT



Proven



Effective



Reliable

Movement of mobile ground is effectively controlled, protecting structures and allowing projects to get back on track quickly.

Ground can be stabilised to the strength of concrete, or to a strength which will allow excavation, even by hand. The solution is quick and provides a cost effective alternative to often expensive cementitious solutions.

If you're interested in our techniques, give us a call on 01869 346001 and have a chat with one of our engineers. If you'd like us to come to your offices to explain how our processes work, let us know!