



Project Profile - Civil Engineering & Infrastructure

PROJECT

BT Underground Tunnels

SUMMARY

Encapsulation of asbestos caulking in underground service tunnels

PRODUCTS

Monolevel 844SP
Cemprotec E942

CLIENT

BT Group plc

BACKGROUND ►

Despite placing an ever increasing reliance on modern wireless technology, beneath our major cities and towns there is still a maze of tunnels which were built during the 1950's to carry vital telecommunication cables.

Designed to withstand a 20,000 tonne atom bomb, they were generally constructed from cast iron segments, although concrete was also used. At these depths, asbestos caulking was the favoured choice of the day to seal the joints between the segments without the realisation of the health risks which are now well recognised.

THE SOLUTION ►

To comply with current regulations for the control of asbestos, BT chose **Cemprotec E942**, a water-based coating which can be applied in confined spaces both to steel and concrete substrates. **Cemprotec E942** cures even in humid conditions to provide a permanent, durable seal over the surface of the joints, preventing the release of fibres. **Cemprotec E942** is applied in two brush coats as a bandage system, with excellent adhesion directly on to cast iron or concrete substrates with minimal surface preparation



FM 41091
EMS 597350
OHS 597351

Quality
Environmental
Health & Safety

Flexcrete Technologies Limited
Tomlinson Road • Leyland
Lancashire • United Kingdom
PR25 2DY

Tel: +44 (0) 845 260 7005 • **Fax:** +44 (0) 845 260 7006
Email: web@flexcrete.com • **Web:** www.flexcrete.com

