

Under Track Crossing

Save time, money and improve health and safety; the modern way to build UTX



Cubis' UTX system is a Network Rail-approved method of building under track crossings that are faster, safer and cheaper to construct.

It utilises MULTIduct™, a multiple duct system with 4, 6 or 9 duct spaces in 1m long units, which clip together to form longer runs. MULTIduct™ is much stronger than conventional duct. It does not require a concrete surround or an expansive trench. This results in installations that can be 70% cheaper than building under track crossings using traditional methods.

The Cubis UTX system is quickly installed due to its light weight (all parts are below 25kg), lack of specialist equipment and reduced excavation, meaning that more work can be completed during limited track possessions.

STAKKAbOX™ ULTIMA and MONObOX™ POLYVAULT are approved for use by Network Rail for trackside access chambers. These can be prefitted with MULTIduct™ stubs for ease of installation or they can be easily added on site at the contractor's convenience.

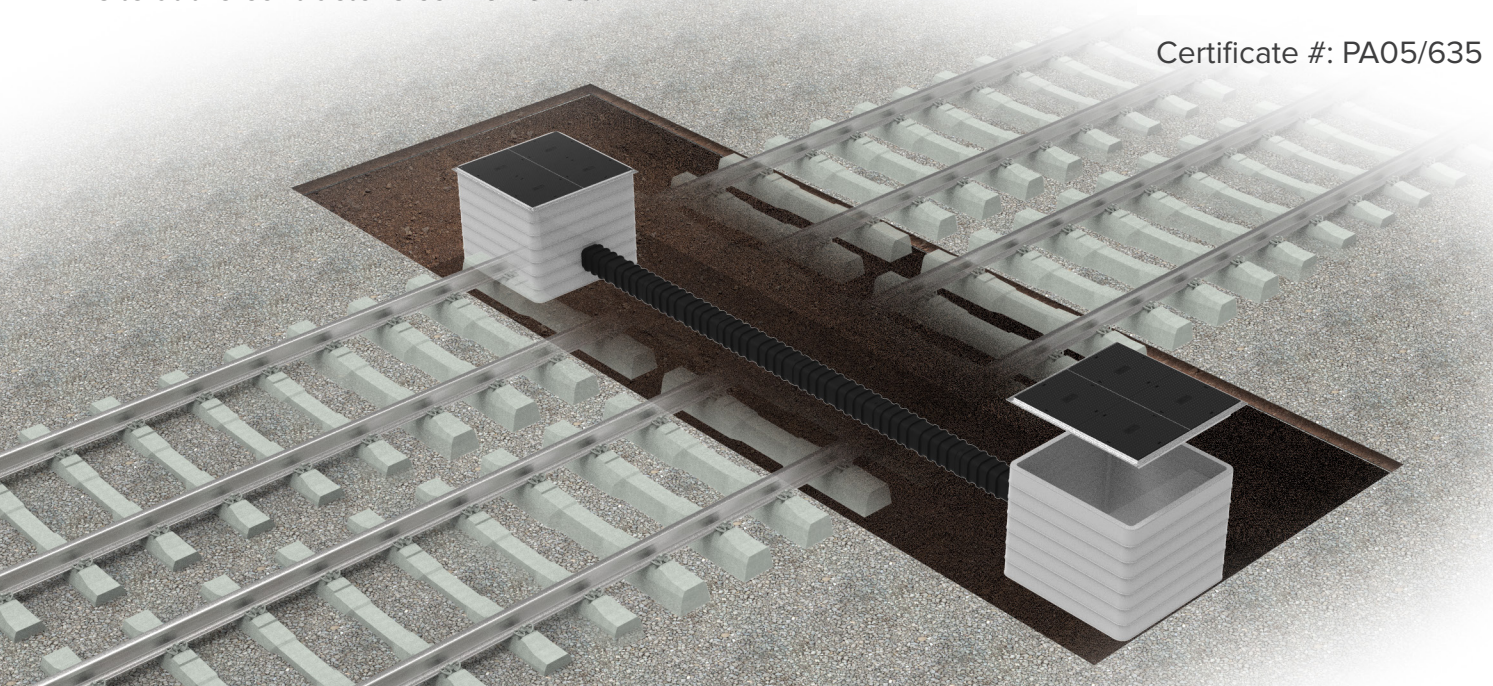
At a glance

- Save up to 70% on installation costs
- Installed in one day
- High crush strength
- No need for concrete surround
- Easy handling on site
- No spacers and no graded backfill required
- Future-proofed infrastructure
- Widely approved and used

Approved by:



Certificate #: PA05/635



Product Advantages



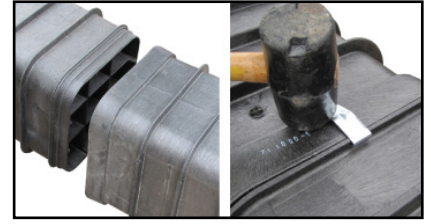
Reduced installation costs

Installations are up to 70% cheaper using MULTIduct™ due to faster installations and less equipment and materials.



High crush strength

MULTIduct™ is significantly stronger than other duct, meaning it can be buried close to the tracks and without a concrete surround.



Rapid Installation

Installation is fast and easy. Simply lay the MULTIduct™, surround and backfill and ballast to surface level. MULTIduct™ units are jointed in seconds.



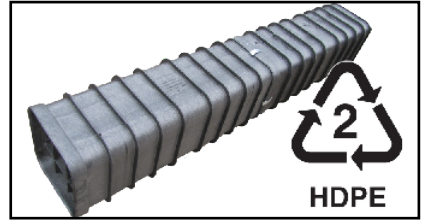
Easier cabling

MULTIduct™ is easy to pull cables through. It lies straight and flat in the trench, offers improved organisation of cables and there is less internal surface in contact with a cable when pulling.



Easy handling on site

All parts are below 25kg, the manual handling limit for a single person. This ensures a quick installation and reduced health and safety issues.



Uses recycled material

MULTIduct™ is manufactured using 70% recycled plastic. All parts are recyclable.

MULTIduct™ Types



Product Details:

Product Makeup

MULTIduct™
4, 6, 9 way High Density Polyethylene

Access Chambers:
STAKKAbOX™ ULTIMA Glass Reinforced Polyester Resin
MONObox™ POLYVAULT High Density Polyethylene

SURFACE Covers
AX-S™ Composite, Concrete Infill, Ductile Iron or HDPE

[See Network Rail Product Ordering Sheet for further information]

ULTIMA or POLYVAULT?



MONObox™ POLYVAULT

- Single piece chamber
- External ribs
- Reinforced with steel



STAKKAbOX™ ULTIMA

- Sectional access chamber
- 150mm deep sections
- Internal rib structure
- High vertical and sidewall strength