

## PRODUCT SPECIFICATIONS (REV.03)

APRIL 2008

**ENTECH SERIES 1422 SOFFIT AND TUNNEL LINING SYSTEM**, from 1.6mm thick zinc coated mild steel sheet, polyester powdercoat finished to a selected RAL colour to the specification of the Architect, the panels being flat or being curved to follow the tunnel contour with integral receptors and being supported on rear channel sections fitted with Entech Rotary-locks (European Patent No 0304338), to provide a concealed fixing system with 4mm minimum joints between panels, all being to detailed design and approval.

**ENTECH SERIES 1422:PX ACOUSTIC SOFFIT AND TUNNEL LINING SYSTEMS**, from 1.6mm thick zinc coated mild steel sheet, as Entech Series 1422 but with 20 x 6mm obround indented slots @ 30 x 16mm centres, 23% nominal free area (Registered Design No. 3015771), with an inert, non-combustible, vermin and mould resistant, low biopersistance, biosoluable, sound absorptive infill with aluminium micromesh facing and a rear perforated mill-finish aluminium backing tray fixed to the edge of the panel flanges, the visible outer surfaces of the panel being finished in Lameek LP3 modified polyester powdercoat RAL 9016X White, the Independent Certification of the acoustic, fire, and smoke performance of the panels being as the Lameekoust® Delta:3A Product Data Sheet No: 024-002:D3 (Rev.01), the panel system in a typical tunnel-mounted configuration providing an enhanced octave band sound absorption characteristic of 0.90 at 125hz, 0.90 at 250hz, 0.95 at 500hz, 1.00 at 1000hz, 1.00 at 2000hz and 0.95 at 4000hz, the basic system complying with the requirements of BS 476 Part 6 Fire Propagation, BS 476 Part 7 Class 1 Surface Spread of Flame, BS 6853:1999 D8.4, and with London Underground Engineering Standard 2-1001-002 Section 5.2.3 -Toxic Fume Emission, the panels being either hinged for cable trunking access or being permanently fixed as required, all being to detailed design and approval.

**ENTECH SERIES 1422:A SOFFIT AND TUNNEL LINING PANEL SYSTEM**, as the Entech Series 1422 but from 2mm thick aluminium.

**ENTECH SERIES 1422:PAX ACOUSTIC SOFFIT AND TUNNEL LINING SYSTEM**, as the Entech Series 1422:PX but from 2mm thick aluminium.