

UNIBUILD TECHNOLOGY TRANSFER OVERVIEW

This is the chronological development of the Unibuild System which began in 1968. The aim was to develop a “modular” design and construct system as an alternative to the existing “traditional” brick and tile system. A “modular” design system opens up the project for maximum “off-site” prefabrication for faster and better-quality building. Unibuild has concentrated mainly on low-rise structures which do not require the statutory engagement of expensive consultants.

The first 25 projects were designed and built using “modular” bricks and blocks which fitted the 100 mm design grid without material waste. In the early 1970’s, modular masonry was replaced with “off-site” manufactured precast insulated and non-insulated wall panels.

Today, “off-site” components now comprise the walls, floors, roofs, and other items. Most “traditional” materials and trade practices were dropped off along the way and all structures can now be quality built using only sand, cement, steel fibre reinforcing and fully fire rated enclosed polystyrene for insulated components. The designer/builder can become an “in-house” manufacturer and save money by not having to pay for the profits of the “traditional” material suppliers.

Most of Unibuild’s projects began with the conversion of Client’s “traditional” plans to Unibuild Modular. These “traditional” plans do not form part of the system for reasons of confidentiality. However, the converted plans are entirely the Copyright of UNIBUILD and there is no restriction on others improving upon, these plans.

The technology purchaser however must substitute its own LOGO in place of UNIBUILD in all purchased design and construct documentation, and future documentation developed by the purchaser. All the purchaser’s projects must be individually developed to meet current statutory regulations and approvals.

The **cost estimating** described in the Lotus 123/Excel files of the Unibuild projects are to be used as a guide only. The dates of these files have been retained so by applying a cost price index formula current cost estimating can be roughly established. The estimating file formats can be modified, and existing formulas revalued and proven to establish the Project Management parameters.

There are many building product **innovators** in the world producing new building materials. The Unibuild Technology offers these innovators a proven building technology for their new materials without them having to invent their own building systems

Unibuild looks forward to assisting innovators to advance the science and practice of modular, off-site building technology.

The Unibuild Technology is transferred to the purchaser on an encrypted zip drive.

Our Confidentiality Agreement covering the technology transfer will apply to the purchase.