

Building on a reputation...



IRVINE-WHITLOCK

Prefabricated Masonry

INTEGRATED-WALLING



Prefabricated Masonry

INTEGRATED-WALLING

Overview

The latest addition to the I-W portfolio, prefabricated walling can be constructed either at an off-site facility, or on site adjacent to the works and hoisted into position.

Panels are manufactured by craftsmen using traditional materials bonded together with a modified mortar which is extremely strong in both tension and compression.

Salient benefits-

- ▣ Cost effective
- ▣ Offers greater flexibility
- ▣ Lighter than precast panels
- ▣ Fewer movement joints

Suitable for logistically demanding projects, this system can be constructed without scaffolding. Using a dedicated off-site facility means production is unaffected by weather and quality can be very tightly controlled.



Featured Project - Lawn House



I-W have been involved in the development of the UK's first private ecohouse using prefabricated brick and block cavity walls, which has been built to achieve Level 6 of the Code for Sustainable Homes.

Lawn House in Burbage, Leicestershire, could have a direct impact on the future of housebuilding in the UK by offering a solution to creating sustainable mass housing more efficiently. Designer Penny Shankar found inspiration at the Hanson EcoHouse on a visit to the BRE Innovation Park in Watford to explore the concept of prefabricated masonry panels.

The tailor-made panels, weighing between four and five tonnes each, consist of a brickwork outer leaf, insulation and a 100mm Thermalite inner leaf. The wall-tie specification and special thin joint mortar ensure that the prefabricated panels can be constructed, lifted and transported to site and installed without any damage.

Specialists in walling solutions

Aluminium Mesh
Brickwork
Blockwork

Glass Blockwork
Precast Panels
Prefabricated Masonry

Rainscreens
Render
Steel Framed Systems

Stone Masonry
Timber Cladding
Thin Joint Technology