



CASE STUDY

Product designs in WPC materials (Windows)

The task

Wood plastic composites (WPCs) are growing in importance as materials in the UK and Europe. They are a completely new range of materials that have yet to be fully investigated and commercialised but which show particular advantages for window products (see Case Study P03)

Tangram was commissioned to produce product designs for window and doors systems manufactured from these new materials using our unique knowledge of both the material and the window and door market.

What we did

Tangram has been associated with WPCs for over 8 years, longer than any other Consulting Engineering company in the UK.

Tangram has developed considerable knowledge and expertise in this area through working with major companies on the development of WPC materials and products.

Tangram has designed window and door systems using WPCs to take into account Tangram's unique combination of knowledge of the window and door industry and the materials processing industries.

Tangram has prepared market assessments for the future of WPCs in the windows and doors market to enable clients to assess the possibilities of these new materials.

The benefits

- Window and door system designs that meet the latest performance requirements for weathertightness and thermal properties.
- Window and door system designs that are tailored to the properties of WPCs.
- Expert advice and strategy development options on the window and door market for WPCs.
- Provision of specifications and arrangement of initial type testing to British and European product standards.

More details?

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