Rosetta Design

STRUCTURAL ENGINEERING / CAPABILITY STATEMENT



Collaborative structural engineering for distinctive buildings, sensitive refurbishment and sustainable construction.

Engineering through collaboration.

Our Structural Engineering team provides professional services tailored to meet clients' specific requirements.

Collaboration brings design and construction teams together to deliver innovative, cost-effective construction projects.

We are committed to reducing the environmental impact and promotion of environmental sustainability.

Whatever your requirements, we can deliver a service to suit your needs and with our knowledge and experience we are able to achieve the perfect balance between cost, quality and programme throughout all stages of design and construction.



Our services.






01 Structural design to all RIBA stages

02 Forensic engineering

03 Initial Concept and Feasibility Design

04 Option appraisals

05 Renovation and refurbishment

06 Structural alterations/extensions

07 Pre-planning Risk Assessment

08 Construction supervision and checking services

09 Site investigation specification and procurement

10 Structural assessments

11 Structural repairs

12 Structural surveys and investigations

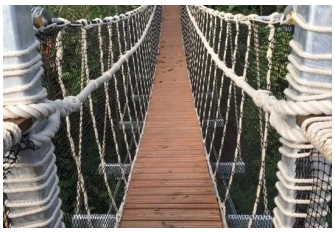
13 Value engineering

14 Extensive Modular and MMC experience

15 Collaboration with DfMA specialists

16 Professional indemnity insured chartered structural engineering services

17 Timber and SIP frame engineering with affiliated detailing through to construction services





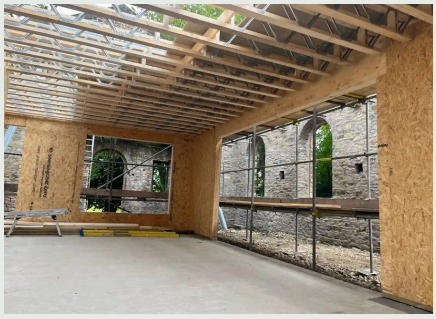

STA STRUCTURAL TIMBER ASSOCIATION Member

STA ASSURESILVER

Experience.



DOMES AND CURVED FORMS



STRUCTURAL RENOVATIONS



SPRING HEIGHTS, FROME



FORESTRY ENGLAND



LODGES & LEISURE



LODGES & LEISURE



ALTON TOWERS, UK



ALTON TOWERS, UK



PRIORY ROAD



WATER SPORTS CENTRE



NEW-BUILD RESIDENTIAL



LEAF HOUSE

Education & building systems.

Structural engineering for education and modern construction.

100+ MMC EDUCATION BUILDINGS

Director Saul Slater | Single-storey modular to three-storey hybrid systems



TRINITY SCHOOL / CONSTRUCTION



MELLOR FOREST SCHOOL / TIMBER



HYBRID STEEL FRAME / MMC



SIP PANELS / OFFSITE

EDUCATION & MMC

Saul Slater, Director of Rosetta Design, has experience of over 100 education buildings utilising Modern Methods of Construction (MMC), from single-storey modular systems to three-storey hybrid building systems.

OSKOP BUILDING SYSTEMS

Experience in systemised and offsite construction, including structural integration, design coordination and buildability. Services encompass education buildings, extensions and refurbishment, structural insulated panels (SIPs) and hybrid structural solutions.

Timber frame engineering.

Specialist structural design for timber and SIP building systems throughout the UK.







TIMBER FRAME & SIP STRUCTURAL DESIGN

Rosetta Design provides engineering input for timber frame and structural insulated panel (SIP) construction, working with architects, developers, manufacturers and project teams from concept design through to construction.

ENGINEERING SERVICES

Member sizing and load paths / Timber floors and roofs / Racking and lateral stability
Diaphragm behaviour / Wind actions / Connections, anchorage and detailing
Structural coordination with offsite manufacture and buildability requirements

UK-WIDE PROJECT SUPPORT

Rosetta Design supports timber engineering projects throughout the United Kingdom.
projects throughout the United Kingdom. Scope and deliverables are agreed to suit the building arrangement, selected construction system and project requirements.

Structural surveys.

Structural inspections, investigations and assessments of existing buildings.









STRUCTURAL INSPECTIONS & INVESTIGATIONS

Rosetta Design undertakes structural surveys and engineering assessments to help clients understand the condition of existing structures, defects and proposed changes. Our experience includes refurbishment, alterations and construction-stage assessments.

TYPICAL AREAS OF ASSESSMENT

Cracking and suspected movement / Deterioration / Previous structural alterations
Loadbearing walls and roof structures / Existing structural condition
Written findings and recommendations where included in the agreed commission.