



## Formworks Composite Construction System .....



## Rethinking construction .....



**Economical and fast construction systems for energy efficient, sustainable buildings .....**



## Advantages:

- **High performance**

The highly insulated construction reduces heating and air conditioning loads to minimise cost.

- **Build to PassivHaus standard**

- **Economical**

Fast build using two main components  
Low energy bills

- **Robust, durable and strong**

- **Comfortable and airtight**

No cold bridging or draughts

- **Efficient build process**

Due to simplicity of the construction process

- **Local availability of materials**

Reduces the need for transport and it's associated costs

## The System:

The structure has a core of high density insulation and sprayed fibre reinforced concrete skins to create a strong, durable composite shell.

Every part of the building contributes to its strength and stability. Finite element analysis of the structure ensures that the design is highly efficient and economical.

The insulated core is erected, the services are installed and the fibre reinforced skins are then applied forming a highly efficient shell structure.

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