

Mixed use scheme TESCO, Orpington, UK

Client: TESCO STORES LTD.
Architecture: Michael Aukett Architects
Structural Eng.: Pinnacle Consulting Engineers
Contractor: Stephenson RC Frames



Execution details

Product: CBSP
Area: ~35'000m²
Max. span: 16,10 m
Slab thickness: 39, 45, 60, 80 cm



Benefits

Main reason: span, foundation, soffit
Concrete reduction (total): 3'850 m³
Load reduction (total): 9'170 to
Reduction of CO₂ emissions: 760 t



Special features

Semi precast elements (CMSP) manufactured by Hanson Building Products Ltd.

Cobiax flat slab supported by steel columns

Exposed soffit



Contractor

Stephenson RC Frames

Year of completion

2008

