

BTEC UNIT 1 Construction assessment. Technology Knowledge Audit

Topic	R	A	G
PERFORMANCE REQUIREMENTS.			
Strength and Stability			
Testing and Grading materials			
Specifying and Grading materials			
Cavity Walls			
Fire resistance and resistance design			
Equipment for fire resistance			
Thermal insulation			
U- Values			
Thermal resistance			
Location			
Sound insulation			
Types of sound insulation			
Provision of sound insulation			
Weather resistance			
Sustainability			
Methods of sustainable construction			
Sustainable materials			
COMMON STRUCTURAL FORMS FOR LOW RISE CONSTRUCTION			
Traditional cavity wall insulation			
Cross wall construction			
Structurally insulated panels (SIPS)			
Timber-Framed Construction			
PRE-CONSTRUCTION WORK.			
Desk Based pre-construction			
Pre-construction work on site.			
SUB-STRUCTURE GROUNDWORKS.			
Hazard associated with groundworks			
Control of water			
Earthwork support			
Foundations/different kinds			
Functions of foundations			
TOPIC	R	A	G
GROUND FLOORS			

Solid floor			
Suspended floor			
Beam and block floor			
SUPERSTRUCTURE-WALLS			
Detailing a wall			
Materials used			
Wall finishes			
Wall openings			
SUPERSTRUCTURE- FLOORS			
Materials			
Floor finishes			
Floor components			
SUPERSTRUCTURE- ROOFS			
Function of a roof			
Details of roofs			
Roofing terminology			
Components and materials used in roofing.			
WORKSPACE			
Roles of Surveyor			

