

1:20 SECTION

ROOF CONSTRUCTION

Concrete tiles 40mm
 Drainage layer 60mm
 Rubber mat 13mm / Waterproofing
 Thermal Insulation 120mm
 Vapour barrier
 Leno solid structural panel 135mm
 140mm

SLAB CONSTRUCTION

Leno solid structural panel 80mm
 Cavity/ Services 350mm
 Acoustic insulation 40mm
 Thermal insulation 120mm
 Leno solid structural panel 135mm

EXTERIOR FLOOR CONSTRUCTION

Timber flooring 24mm
 Battens 40mm
 Waterproofing
 Rubber mat 13mm

TIMBER FRAME WALL CONSTRUCTION

Wood cement plasterboard/cladding 20mm
 Ventilated cavity 25mm
 Hardboard 8mm
 Thermal insulation 130mm
 Wood-based board (vapourproof) 15mm
 Cavity/ services 50mm
 Plywood 12mm

INTERIOR FLOOR CONSTRUCTION

Timber flooring 15mm
 Underfloor dry heating system 40mm
 Separating layer 2mm
 Impact sound insulation 40mm

Sliding facade element /
 Hinge for individualised use.

3-ply LENO structural panel 80mm

7-ply LENO structural panel 216mm

WALL CONSTRUCTION

Concrete cladding elements 30mm
 Ventilated cavity 30mm
 Thermal insulation 120mm
 Prefabricated concrete (mounted on
 concrete frame) 110mm

FLOOR CONSTRUCTION

Heavy duty flooring 30mm
 Screed with underfloor heating 60mm
 Separating layer 1mm
 Thermal Insulation 120mm
 Damp proof membrane
 Concrete ground slab 250mm
 Lean Concrete 50mm

Drained external paving
 Prefabricated Concrete tiles grid 2m X 2m

