


Project: <b>the private house in El Palol</b> property: Mas Palol (Can Fages), municipal area: Torroella de Fluvià, county: l'Alt Empordà, Spain		 <p>           ak. arch. Oldřich Hozman            Na Zájezdu 16, 101 00 Praha 10            Czech Republic            Czech Chamber of Architects Reg. no.: 01284            tel + 420 235 31 16 22            fax + 420 235 31 16 22            www.arc.cz   arc@arc.cz         </p>
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Drawing: <b>FLOOR</b> <b>SCHEDULE</b>	Project stage: EXECUTIVE PROJECT	Drawing number: <b>SCH1</b>
	Scale:	
	Date: 07 / 2011	

F0 Roof	thickness
green roof vegetation layer (system soil trays incl. irrigation system) + battens preventing siding (anchoring)	150 mm
separation layer (pp geotextile 250g/m <sup>2</sup> )	
waterproofing (EPDM foil)	
wooden boards 24 mm	24 mm
structural timber truss 550 mm	550 mm
between : ventilation space 220 mm	220 mm
on top side of the bales - thin clay layer 10 mm, (alternative vapore opened fibre wood board 30 mm)	10 mm (30 mm)
straw bales insulation	320 mm
wooden boards 24 mm	24 mm
reed mat 5 mm	5 mm
clay plaster 15 mm	15 mm

F1 Ground floor	
wooden floor boards	30 mm
soft wood fibre boards (STEICO floor 1186x366x40) with floor laths (2000x50x35)	40 mm
hard screed (anhydrite)	30 mm
light-weight concrete (fill: burnt expanded clay pearles - LIAPOR)	84 mm
waxed paper (separation layer)	
wooden boards	24 mm
Steico wooden I-joists SJ90 90/400,	400 mm
between : straw bales insulation	320 mm
wood fibre boards (DFF), tongue and groove joint lying on bottom plate	30 mm

F2 Ground floor - stone paving	
stone paving	30 mm
cement mortar bed	10 mm
hard screed (anhydrite)	40 mm
light-weight concrete (fill: burnt expanded clay pearles - LIAPOR)	104 mm
wax-coated paper	
wooden boards	24 mm
Steico I-joists SJ90 90/400,	400 mm
between : straw bales insulation	320 mm
wood fibre boards (DFF), tongue and groove joint lying on bottom plate	30 mm

### F3 Stairs at entrance

stone paving	30 mm
cement mortar bed	10 mm
OSB 2x20mm	40 mm
wooden structure supporting the stairs	904 mm
wooden boards	24 mm
Steico I-joists SJ90 90/400,	400 mm
between : straw bales insulation	320 mm
wood fibre boards (DFF), tongue and groove joint lying on bottom plate	30 mm

### F4 First floor

wooden floor boards	30 mm
soft wood fibre boards (STEICO floor 1186x366x40) with floor laths (2000x50x35)	40 mm
hard screed (anhydrite)	40 mm
light-weight concrete (fill: burnt expanded clay pearles - LIAPOR)	120 mm
wax-coated paper	
clay bricks	65 mm
wood fibre board floor sound insulation (STEICO underfloor)	5 mm
cross-laminated timber panel	120 mm
reed mat	5 mm
clay plaster	15 mm

### F5 First floor - wooden grid in bathroom

wooden planks 80x20mm installed with gaps 5mm	20 mm
wooden battens 40x20mm	40 mm
tadelakt	2 mm
screed - base layer for tadelakt	3 mm
liquid EPDM waterproofing membrane (ref. Pro Guard Liquid Rubber)	
hard screed - pitch 1° to drainage (anhydrite)	45 mm
light-weight concrete (fill: burnt expanded clay pearles - LIAPOR)	120 mm
wax-coated paper	
clay bricks	65 mm
wood fibre-board floor sound insulation (STEICO underfloor)	5 mm
cross-laminated timber panel	120 mm
reed mat	5 mm
clay plaster	15 mm

## F6 First floor - balcony

wooden terrace boards (tropical wood) 150x20mm installed with gaps 5mm	20 mm
wooden battens 40x70mm by 400mm	40 mm
ceramic or stone tiles locally supporting battens	20 mm
protection layer (pp geotextile)	
waterproofing (EPDM foil)	
OSB	20 mm
battens 60x60 + ventilation void, pitch 1°	60 mm
OSB	20 mm
wooden beams 60/90	90 mm
cross-laminated timber panel	120 mm
wooden soffit formwork	
wooden soffit (planks)	20 mm
reed mat	5 mm
clay plaster	15 mm

## F7 Ground floor - terrace

wooden terrace boards (tropical wood) 150x20mm installed with gaps 5mm	20 mm
wooden load-bearing beams 100/140mm	140 mm
wooden beam (mid-span support) 120/160	160 mm

## F8 First floor - tadelakt shower tray

tadelakt	2 mm
screed - base layer for tadelakt	3 mm
liquid EPDM waterproofing membrane (ref. Pro Guard Liquid Rubber)	
hard screed - pitch 1° to drainage (anhydrite)	45 mm
light-weight concrete (fill: burnt expanded clay pearles - LIAPOR)	120 mm
clay bricks	65 mm
wood fibre board floor sound insulation (STEICO underfloor)	5 mm
cross-laminated timber panel	120 mm
reed mat	5 mm
clay plaster	15 mm

## F9 Raised floor in meditation chambers

wooden floor boards	30 mm
soft wood fibre boards (STEICO floor 1186x366x40) with floor laths (2000x50x35)	40 mm
clay bricks	65 mm
wood fibre board floor sound insulation (STEICO underfloor)	5 mm
OSB	20 mm
wooden structure supporting raised platform (beams 60x60mm)	40 mm
hard screed (anhydrite)	40 mm
light-weight concrete (fill: burnt expanded clay pearles - LIAPOR)	120 mm
wax-coated paper	
clay bricks	65 mm
wood fibre board floor sound insulation (STEICO underfloor)	5 mm
cross-laminated timber panel	120 mm
reed mat	5 mm
clay plaster	15 mm

## F10 First floor - balcony

wooden terrace boards 150x20mm installed with gaps 5mm	20 mm
wooden battens 40x70mm by 400mm	40 mm
ceramic or stone tiles locally supporting battens	20 mm
protection layer (pp geotextile)	
waterproofing (EPDM foil)	
OSB	20 mm
battens 20x30, pitch 1°	20 mm
cross-laminated timber panel	120 mm
reed mat	5 mm
clay plaster	15 mm

## F11 First floor - stone paving in bathroom

Stone paving (polygonal pattern, ref. Solnhofen limestone)	30 mm
cement mortar bed	10 mm
hard screed (anhydrite)	40 mm
light-weight concrete (fill: burnt expanded clay pearles - LIAPOR)	150 mm
wax-coated paper	
clay bricks	65 mm
wood fibre board floor sound insulation (STEICO underfloor)	5 mm
cross-laminated timber panel	120 mm
reed mat	5 mm
clay plaster	15 mm