

Part	Description
A/ LOAD BEARING FRAME ¹	Steel load bearing frame – structural steel profiles, consisting of columns, beams and trusses.
B/ FAÇADE SYSTEMS	Thermally insulated façade systems SATE
C/ ROOFING SYSTEMS ²	Ventilated roof– Tegola Canadese – bitumen shingles or SBS – membrane /according to architectural design and roof inclination/ Gutter and downpipe system – steel PURALMAT coating . With systems without gutter – steel finishing profiles with PURALMAT coating .
D/ EXTERIOR WALLS ³	Low-energy construction of minimal 300 mm – thickness – 200 mm YTONG with separate cladding support frames to avoid thermal bridges. Fully insulated / Knauf Eco – mineral wool /, external insulation /see façade systems/, internal cladding – 2 – ply drywall gypsum boards / Knauf GKB – 2 x 12.5 /, joints filled and finely sanded – USG Sheetrock . Paint – optional according to design and client preferences.
E/ PARTITION WALLS ⁴	Fully insulated YTONG 70 / 100 mm with 1 – ply drywall gypsum boards / Knauf GKB – Modular houses x 12.5 / on each side of the wall, joints filled and finely sanded – USG Sheetrock – Paint – optional according to design and client preferences.
F/ CEILINGS ⁴	Fully insulated / Knauf Eco – mineral wool /,– single ply drywall gypsum boards / Knauf GKB – 1 x 12.5 /, joints filled and finely sanded – USG Sheetrock . Paint – optional according to design and client preferences.

Part	Description
G/ FLOORS ⁵	– Knauf Vidifloor , 2 – ply /2 x 10/ dry floor system – thermally insulated floor.
H/ WINDOW SYSTEMS	UPVC or Aluminium system equipped with specific closing mechanisms, double / triple glazing, up to clients criteria.
I/ ENTRANCE DOORS	Safety entrance door, up to project and client criteria.
J/ INTERIOR DOORS	Veneered MDF interior doors . Relevant locking systems installed in accordance with room type.
K/ ELECTRICAL	3-wire electric cable system, double insulation cables for steel-construction wiring, watertight connections throughout, switchboard, fuses and components – Schneider Electric/SIMON/JUNG etc.
L/ PLUMBING AND SEWAGE	– Plumbing – polypropylene pipes and joints for drinking water. – Sewage – UPVC pipes and sealed joints – sewage ventilation installed.
M/ BATHROOMS	Bathroom equipment brands Geberit, Grohe, Hansgrohe, Duravit, TRES.....
N/ HVAC	Kitchen, sewage and bathroom ventilation piping with roof vents.
O/ Air conditioning	Brand ' Mitsubishi Electric '.
P/ Modular details	<ul style="list-style-type: none"> • Detail floor and ceiling – View 1, View 2 • Detail exterior wall – View • Detail partition wall – View • Detail roof – View 1, View 2

Part	Description
	<ul style="list-style-type: none"> • Advantages of STEEL & YTONG construction

NOTES:

1. Structural design according to Eurocode (EN).
2. EPDM or TPO membranes may be used as optional when applicable and/or upon client demand.
3. Thermal conductivity index 0,122 W/m²K
4. Knauf GKBI /water resistant/ and Knauf DF /fire resistant/ are installed according to the requirements for moisture/fire resistance when applicable.
5. Knauf Vidicomfort is applied with underfloor heating.



We look into the future!
