



300 m2 building with Energy classification (A+)

TKM/TP4-Enersol ECO T-house 11A Marapas Antiparos

A two-store Eco house with A/C heating & cooling system, 32 thermopanel TP3, 300 L solar tank, 12+15 kW heat-pumps, solar energy floor heating of bathrooms.



Master bed & bath extended module 5m x 5m



The solar panels are equipped with a 'blue' selective highly efficient al. surface ($\alpha=95\%$ $\epsilon=5\%$) welded on copper pipes.



The solar panels have a very low (20 cm) 'high profile' and are not visible from the street level.



Panels can preferably be arranged in symmetric arrays covering of the whole of the available roof area.



The panels does not disturb the structural arctitecture lines if symmetrically incorporated on to the roof space.



The hot water collector pipe must be higher to air vents.



Cold water distributor pipe is mounted lower with elbows.