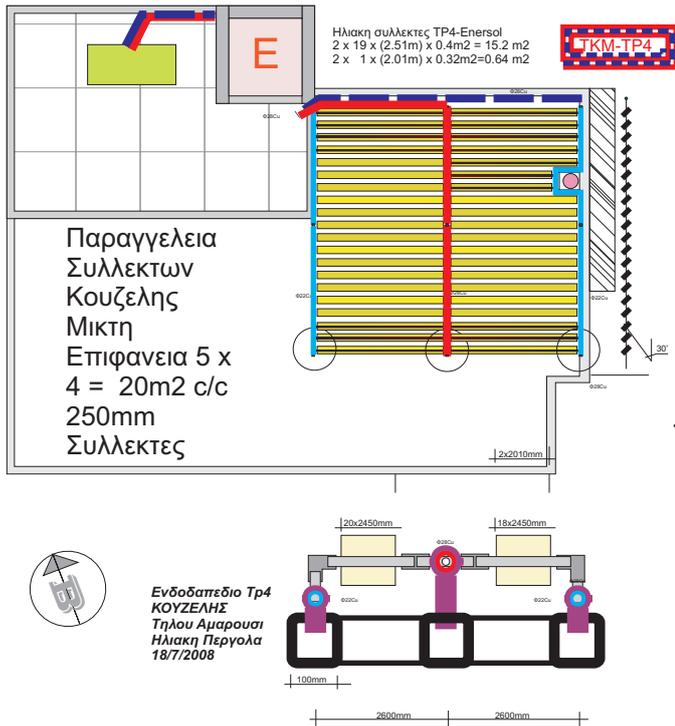


TKM/TP4-Enersol ECO-house 10A Marousi Athens

A four-store Eco house 360 m2 with floor heating system and swimming pool, has 40 thermopanel TP3, 300 L DHW tank and 30 kW Heat Pump.



Roof Plan of shadowing thermodynamic pergola TP3



Building with Energy classification (B)



The Panels here are fixed towards special inclinable rails, with pipe fixtures holding the insulated distribution pipes..



Panels can preferably be arranged in symmetric arrays. The hot water outlet pipe must higher than the inlet pipe.



The construction was initially arranged horizontally on the pergola bearing steel beams.



View of the shadowed sitting space on the terrace