









A solar water heater must be very powerful to fully meet your hot water needs.

Mark5, based on certified tests, has one of the most powerful collectors in Europe (80% efficiency and minimal thermal losses), as well as a well designed heat exchanger that ensures efficient energy transfer from the collector to the tank.



It must also be robust so that you can enjoy free solar energy for as many years as possible.

Mark5 is made with the best materials, following the strictest quality standards. The tank is made of DC-03 steel according to DIN 10130, it is robotic welded with pulse tig technology and enameled according to DIN 4753/3. The collector's frame is made of a 2.4 mm double-wall aluminum profile and has an aluminum back. The flat roof support is also made entirely out of aluminum.



Finally, it must be well designed to match your aesthetics.

Mark5 is designed according to modern abstraction & ergonomics trends and has an honorary reference in the internationally recognized reddot directory.



HIGH TECHNOLOGY PRODUCTION

Mark5 is entirely produced in the new **smart factory** of Calpak that has been recognized as the most advanced in Greece in terms of **robotic technology** and **artificial intelligence** application that make possible the automatic optimization of mechanical processes.



TANK MARK5

- 1. Inner cylinder according to DIN 10130 & direct enamelling according to DIN 4753/3
- Durability over time
- > Clean water
- 2. All weldings are made with robotic pulse tig technology
- > Durability over time
- Quality guaranteed
- 3. Thermodynamically designed closed circuit & special diffuser
- > Hot water even faster
- 4. Insulation made of dense ecological polyurethane with a thickness of 50mm > Hot water in the next morning

COLLECTOR M5

- 5. Double-wall aluminum profile, 2.4mm thick
- > Durability over time
- > More hot water
- 6. Absorber with 12 copper pipes & highly-selective Tinox surface 0.5mm
- › More hot water
- 7. Low-Iron tempered glass with high transmittance (T> 91.5%)
- More hot water
- 8. Compressed structure & aluminium back
- > Durability over time
- → Neat looks































