



Pool Hotel Žusterna in Koper

SOLPOOL S02



The whole roof of the indoor swimming pool is used as solar roof with unglazed solar collectors of 600 m². The system operates from May until September. A buffer storage with a volume of 2 m³ is made by concrete and used for chemical preparation of pool water and for maintaining a constant level of water in the swimming pool as well. The cost of the solar collector was only 40,2 €/m² due to the fact, that only additional cost for stainless steel piping and pump was paid. As absorbers large panel roof elements are used and they are not representing any additional costs as the replacement of old roof should be made anyway.

Producer
Trimo d.d.
www.trimo.si

Planning
Makro5
www.makro5.com

Owner and operator
Terme Čatež d.d.
www.terme-catez.si

Pool address
Istrska cesta 67
6000 Koper

Swimming Pool and Solar System

Year of installation	2001
Absorber surface area	600 m ²
Absorber type	Unglazed
Auxiliary heating system	Without auxiliary system
Solar yield	99 MWh/a
Environmental gain	Ca. 25 t CO ₂ per year
Investment costs	40 EUR/m ²



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Intelligent Energy Europe

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