

A TO Z SOLAR THERMAL ENERGY PROVIDER SINCE 1996

BEST ABSORPTION

We use **BlueTec** selective absorbers coated on copper for maximum efficiency in domestic water, home heating, steam process.

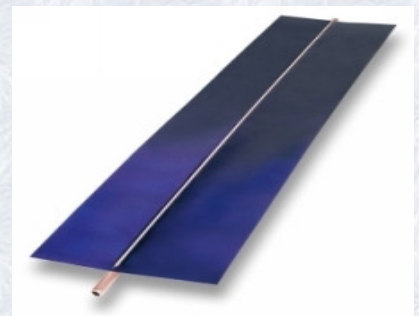
- Above-average aging and temperature resistance
- Outstanding homogeneity of the coating over the entire material width
- Absorption 95%, thermal emission 5%



LATEST WELDING TECHNIQUE

We use the latest technology for maximum heat transfer

True metallurgical bonds provide excellent heat transfers True mechanical process



MAXIMUM EFFICIENCIES

Built to last
Designed for 4-season efficiency, harsh environment

The INTERSUN 25 is a highly efficient thermal collector. The net absorber surface of almost 2,3 M² (25,50 sq feet) results in a maximum output of 9000 Watt (30,750 btu)/ clear day per panel. The INTERSUN 25 also offers features such as a high selective absorber coating, low-iron, tempered solar glazing, and very effective insulation around the absorber plate. The internal fluid tubes are copper.



SERVING at CUSTOMER AND NATURE

Compact, efficient, nice looking design, easy installation. works with network pressurized water for your comfort.

A close-loop system uses a wide-surface heat exchanger and allow adding of anti-freeze liquid. This system helps to avoid the buildup of scale in the collector. Heated water from the collector flows into the heat-exchanger, and then returns to the collector. The electric backup system provides energy during periods of cloudy weather.



MAXIMUM PROTECTION

The Solar Boiler is environmentally friendly. It does not pollute or use valuable non-renewable resources. Even the pump to transport heat from the collectors to the storage tank is powered by the sun.

From 100 liter to 4000 liter capacity boilers with sacrificial Anode, built-In Thermostat, electrostatic external coating, polyurethane insulation, storage tank manufactured in mild steel, internal **HYF Coating** for hygiene and corrosion protection, energy efficient electric element and flange for cleaning and easy repairs.



OUR SOLAR COLLECTORS

Product Codes/ Specifications	INTERSUN 25 (SPL)	INTERSUN SPS
Absorption Panel	Copper Strip 0.12 mm	Copper Strip 0.12 mm
Absorption Panel Coating	Titanium Plating	Titanium Plating
Manifold/riser tubes	Copper	Copper
Welding Method	Ultrasonic	Ultrasonic
Glass Overlay	Low Iron Tempered	Low Iron Tempered
Insulation	Glass Wool	Glass Wool
Leak-proofing	Alumunium & EPDM & Silicon	Alumunium & EPDM & Silicon
Dimensions	1988x1218x90 mm	1940x940x90 mm
Weight	41.5 kg.	32 kg.
No.of riser tubes	10	8
Riser Tube Diameter	ø10 mm	ø10 mm
Manifold Pipe Diameter	ø25 mm	ø25 mm
Liquid Capacity	1.27 lt.	1.05 lt.
Flow Rate	120 lt/h	100 lt/h
Test Pressure	20 bar	20 bar
Working Pressure	10 bar	10 bar
Pressure Loss Tolerances	1.8 mbar	1.0 mbar
Heat Resistance	232 °C	232 °C
Casing	Electrostatic Painted Aluminium	Electrostatic Painted Aluminium
Back Plate	Aluminum sheet	Aluminum sheet

CERTIFICATES: TSE, ISO 9001, CE, EN12975



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