# therm@slate by CUP/4 GROUP

**TECHNICAL INFORMATION** 

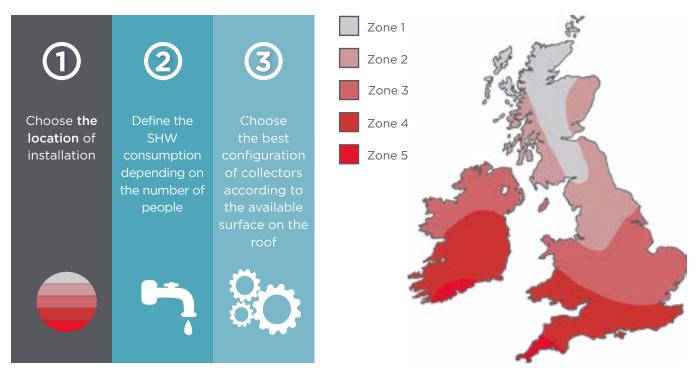
THERMAL SOLAR NATURAL SLATE ROOFING

## therm@slate by CUP/4 GROUP

**THERMO**SLATE<sup>®</sup>, the only solar system in the market made with natural slate that **generates energy for heating sanitary hot water and swimming pool.** 

Our installations with solar collectors **THERMO**SLATE<sup>®</sup>, are characterized by the **ability to adapt** to the needs of each location and roof.

#### DEFINE YOUR SUITABLE INSTALLATION. THERMOSLATE® IN 3 STEPS

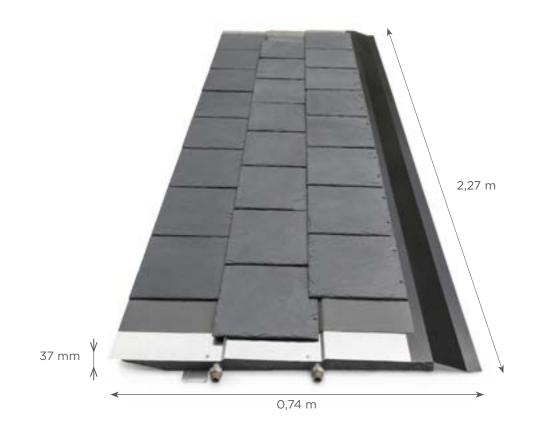


	Number of people	Number of bedrooms	Solar cylinder volume	Average solar contribution	Possible configuration THERMOSLATE®
	<b>ŤŤ</b>	2	200 L	55 %	•
ZONA I - IV	<b>ŮŮ</b>	3, 4	300 L	50 %	•
	<b><sup>*</sup>*</b> ***	4, 5	400 L	55 %	•
	<b>m</b> m	2	200 L	60 %	
ZONA V	<b>ŮŮ</b> ††	3, 4	300 L	55 %	
	<b>**</b>	4, 5	400 L	55 %	•

\* Estimated figures for 50L per day and per person. South orientation ± 20<sup>o</sup> and inclination 30<sup>o</sup>± 10<sup>o</sup>.
\* These data may vary depending on the orientation and inclination.



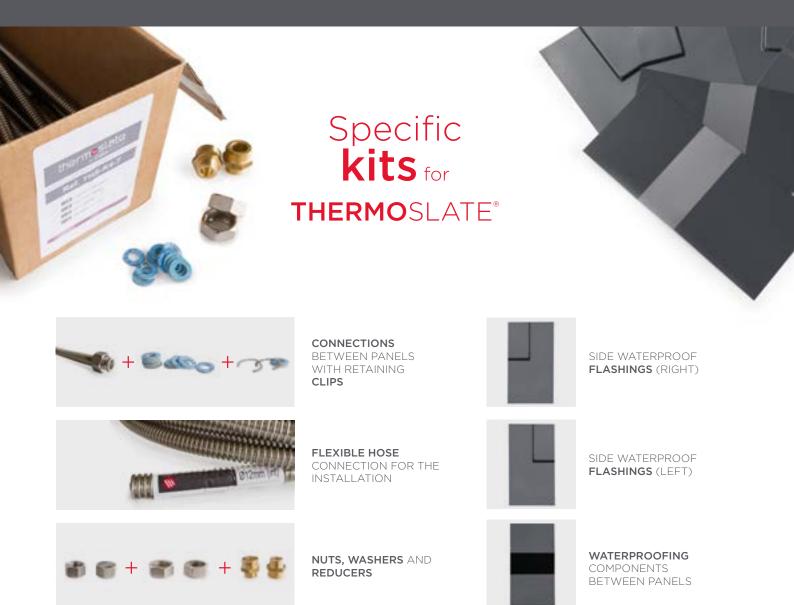
### A THERMOSLATE® SOLUTION FOR EACH NECESSITY



THERMOSLATE® SOLAR PANEL MODEL					
Characteristics	THS.3222.S07				
SLATE FORMAT (cm)	50x25				
OVERLAP (cm)	10				
EXTERNAL DIMENSIONS	2267x743x37				
TOTAL AREA (m²)	1,45				
TOTAL CATCHMENT AREA (m <sup>2</sup> )	1,36				

### CONNECTION AND WATERPROOFING KIT

EVERYTHING YOU NEED TO INSTALL THERMOSLATE®

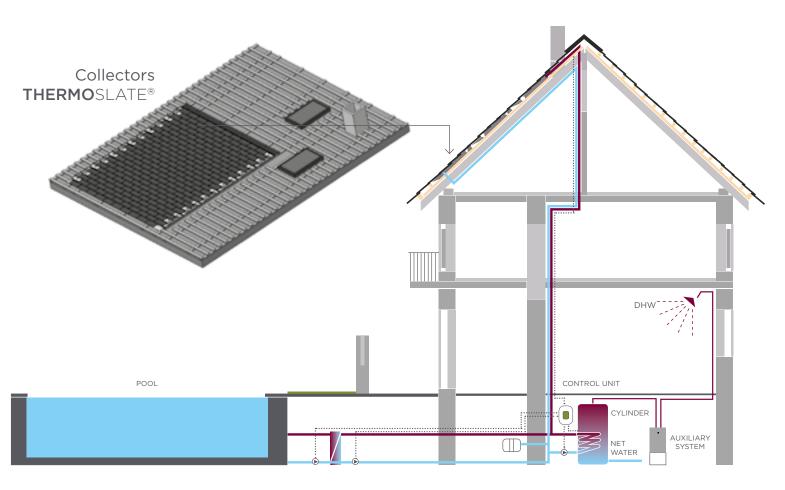




## therm@slate CASE study

PROJECT DESCRIPTION

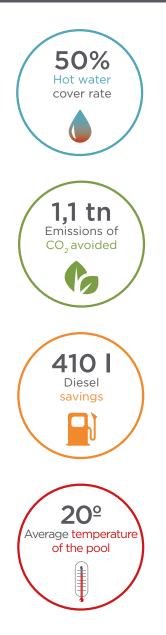
FAMILY BUILDING. 5 PEOPLE.					
THERMOSLATE®	7 x THS.5025.S10 (1,36 m²) solar collectors				
	1 x Solar cylinder 400 L				
Hydraulic equipment	1 x Connection kit 8-10				
	1x Bottom integration frame				
ccessories	1 x Top integration frame				
	1 x Waterproofing kit				

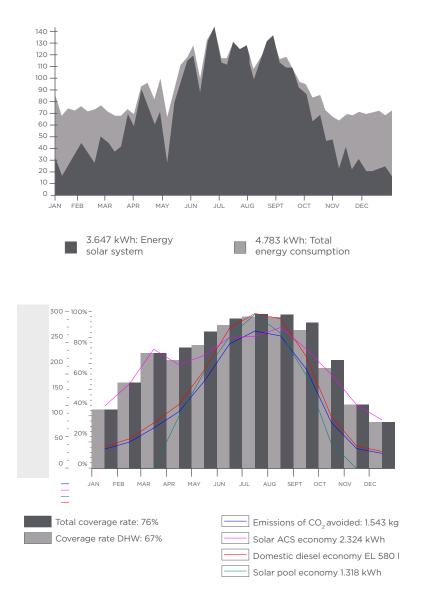




### thermoslate CASE study

PERFORMANCE AND SAVINGS







### **EFFICIENCY** GREEN ENERGY FOR EVERY PROJECT





2000 1800 1600









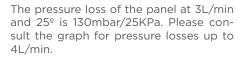


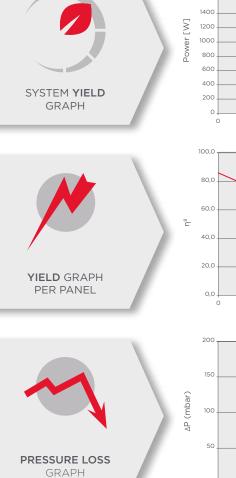


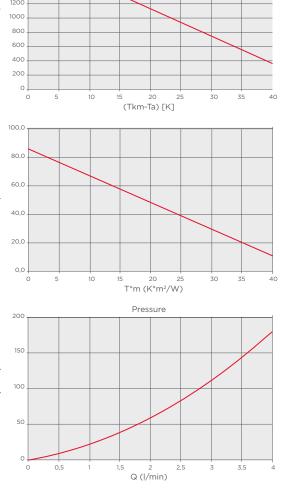
The yield graph can be calculated using the following formula:

n <sub>o</sub> = 0,861	a <sub>1</sub> = 13,552	a <sub>2</sub> = 0,054
	(W/(m <sup>2</sup> k))	(W/(m²k))

A **THERMO**SLATE<sup>®</sup> installation with 5 panels generates an average of 4000W which is enough to cover the requirements of a typical 4 person household whatever the climate zone.









CUP/4PIZARRAS.com

#### CUPA PIZARRAS

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### THERMOSLATE® systems have been designed and developed by CUPAGROUP

