



# POWER TO SAVE ▸ POWER TO CHOOSE

## THE POLYSET® ENERGY EFFICIENT ROOF TILE ATTACHMENT SYSTEM

### KNOW THE CODE

Title 24, part 6, of the new California Code of Regulations, went into effect January 1, 2010. It mandates a higher energy efficiency in construction methods with new standards of performance for steep-sloped roofs, including clay and concrete tile roofs.

### KNOW THE DIFFERENCE

The Title 24 above deck insulation requirement specifies an R-value of 0.85 or better. A Polyset® AH160 foam adhesive roof exceeds this by up to 500%. And, it does this without compromise:

- Additional air space between the tile and roof deck NOT REQUIRED
- Battens NOT REQUIRED
- Reflective tiles NOT REQUIRED

### KNOW THE OPTIONS

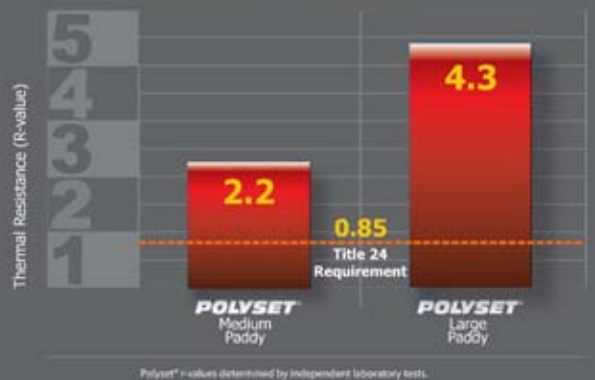
A Polyset® roof gives you the flexibility to use the color of tile you want without having to worry about reflectance or emittance values. Accumulated dirt, dust or mildew won't adversely affect the energy saving performance of a Polyset® roof; something to which reflective tiles are susceptible.

### ENERGY SAVED. DOLLARS EARNED

Energy calculations by ConSol show a Polyset® roof will give you greater savings and a greater return for your money - an average of **\$830 annually\*** - through reduced energy usage. National and independent labs also attest to the effectiveness of the Polyset® system and its viability as one of the most energy efficient roofing solutions available.

\*Polyset® roof using a large paddy placement compared with an asphalt shingle roof, for a typical 1970s medium sized (2,123 sq. ft.) house (averaged results for the five CA climate zones with the largest cooling load in the SCE service area, zone #s 8, 9, 10, 14 and 15)

### Above Deck R-value Comparison



*“...concrete tile spot adhered with foam... caused a 50% reduction in the heat penetrating through the ceiling...”*

Steep-Slope Assembly Testing of Clay and Concrete Tile With and Without Cool Pigmented Colors, Oak Ridge National Laboratory, 2005



**POLYFOAM PRODUCTS, INC.**

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Ask your roofer, builder or design professional to allow you the flexibility to choose. The best solution for your roofing needs is readily available.

The Polyset® Energy Efficient Roof Tile Attachment System: exceptional performance, enduring benefits.



## DECIDING MADE EASY

	Nails / Screws	Wire-tie	Elevated / Counter Battens	Polyset®
R-value Greater Than 2.0				✓
Reflective Tile Not Needed to Meet Title 24			✓	✓
Increased Walkability & Tile Break strength				✓
No Nail Penetrations				✓
Highest Wind Uplift Resistance				✓
20 Year Material & Labor Attachment Warranty				

