



SWD Urethane California Title 24 Standards

What is Title 24?

In 1978 California established Title 24 of the California Code of Regulations in response to a legislative mandate to reduce California's energy consumption. Since it's inception, California's building efficiency standards have saved more than \$56 billion in electricity and natural gas costs. New Title 24 standards go into effect July 1, 2009.

How does it affect construction?

Title 24 standards must be met for building permit approval. Each part of Title 24 deals with a specific area of building construction. Part 6 of Title 24 requires that all construction meet strict energy requirements in accordance with an identified climate region.

What is a building envelope?

Title 24 establishes standards and requires evaluation of the total building envelope which includes; insulation (both wall and ceiling), roofing material (specifically cool roofing) and creating an effective air barrier.

There is no better material to meet Title 24 Standards for insulation, roofing and air barrier than spray polyurethane foam and coatings.



SWD products and Title 24 standards.

Roofing System

The SWD polyurethane foam roofing system which includes **SWD Quik-Shield® |125 roof foam** and **SWD Quik-Shield® |1929F coating** exceeds Title 24 standards.

SWD Quik-Shield® |125 provides a 6.8 per inch r-value insulation value for the roof/ceiling and creates an unsurpassed air barrier.

SWD Quik-Shield® |1929F provides .82 solar reflectance, .91 thermal emittance and is approved by the CRRC.

Insulation

SWD Quik-Shield® |106, and **SWD Quik-Shield® |111** are spray polyurethane wall insulation foams that meet Title 24 air barrier standards. They deliver high r-values and exceed Title 24 standards for eliminating gaps and joints which cause air leakage.

ICC Approved

SWD Quik-Shield® |125, **SWD Quik-Shield® |1929F**, **SWD Quik-Shield® |106**, and **SWD Quik-Shield® |111** have all been reviewed and approved by the ICC.

