

Thermo-shield has been widely tested in accredited Laboratories, under private and Government sponsorship, and in actual field tests. Here are some of those results:

America's ASTM testing . . .

ASTM D-412 Tensile Strength and
ASTM D-865 Deterioration By Heating In Air,

These test results actually show **Thermo-shield** roof coating to get stronger and more durable with aging.

ASTM C-177 Steady State Heat Flux and
ASTM C-1045 Thermal Transmission Properties, Roof Coating
At 5 Mil. Thickness.

(K-Value .0514) (R-Value 22) *

ASTM D-1653 Water Vapor Permeability and
ASTM E-96 Permeability.

Both tests show **Thermo-shield** roof coat with 8.8 perm rating, this is excellent, 160 x as much as one of our main competitors, claiming the same property.

Japanese JIS (Industrial Standards) testing. . .

JIS A 6909 5.12 Test For Waterproofing

Maximum to pass test is 1.0 CM rating,

Thermo-shield was 0.1 CM, 10 times better than required.

JIS A 6909 5.14 Resistance To Weather & Climate

Did not crack, peel, or discolor to minimum scale of #3,

Thermo-shield maintained a #4 - #5 scale, rating Excellent,

best of any paint tested by the Japanese National Testing Laboratories.

US Dept of Energy tests at Oakridge National Labs, Long term Heat Flux tests on roofing systems.

After 3 year test, **Thermo-shield** Roof Coat maintained

70% reflectivity and reduced heat flux by 66%.

The best performance of any coating tested.

You can't get a better reference than that!

Hauser Laboratories test comparison of heat transfer through Thermo-shield vs. other common coatings.

Thermo-shield Interior Coat, white .0871 BTU\HR sq ft,

Normal paint, white 1.163 BTU\HR sq ft.

Normal paint allows 37% more heat to pass through.

Tests at a certified lab on metal storage buildings

Thermo-shield Exterior Coating out preformed 2" of Fiberglass in the walls and 3" in ceilings in keeping the interior cooler, building also cooled off much quicker

St. Louis comparison tests on 3 houses, one painted with Thermo-shield Exterior.

The **Thermo-shield** house had energy costs that were 42 percent less, savings summer and winter, totaling \$760.00 per year .

*Note some specialists say the ASTM formula for R-Value in this test "R = 1/K" is oversimplified .

Thermo-shield Benefits

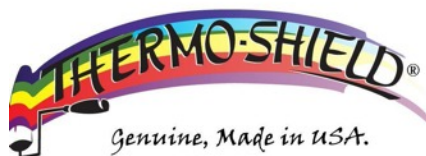
Beautiful Finish - Blocks Heat Gain or Loss -
Waterproofing - Variable Permeability - Humidity Control - Noise Absorption - Non Toxic in Liquid or Cured Form - No Joints or Seams - Low VOC / No Harmful Emissions - Washable, Scrubable -
Eliminate Condensation - Environmentally Friendly -
Easy to Insulate Existing Buildings - Foot Traffic Resistant - Remains Flexible - Mold, Mildew, Fungus Resistance - Stain Resistant -
Energy Savings/Quick ROI - Easy to Apply - High Fade Resistance - Long Life Performance - Chemical Resistant - Crack Bridging - Improves Air Quality -
Long Factory Warranty - Un Effected by UV Exposure -
Fire Resistance - Blocks Sound Transmission -
Competitive Price -

Over 25 Years of Testing and History



EXTERIOR WALL COAT, INTERIOR WALL COAT,
ROOF COAT, TEXTURE COAT, TANK SHIELD,
CLEAR WOOD AND DECK COAT

www.thermoshield.com



ROCKET SCIENCE FOR HOMES, BUSINESS AGRICULTURAL AND INDUSTRY



ROOF

THERMO-SHIELD products are the original ceramic fortified coatings developed in Colorado Springs, CO. in the 1970's. General Industries Corp. worked closely with the 3-M company who developed the correct ceramics, and Rohm + Haas, who formulated the unique polymers and pure acrylic resins. These industry leaders worked 7 years to develop the "PERFECT" coatings system. THERMO-SHIELD products are the result! Proven here and around the world, in some of the harshest climates on Earth,



Over 25 Years of Service !

JUST USING THERMO-SHIELD CAN SAVE YOU UP TO 50% ON YOUR HEATING AND COOLING COSTS. THESE COATINGS CAN PAY FOR THEMSELVES MANY TIMES OVER DURING THEIR GUARANTEED LIFE



Authorized Distributor:

Roof...

Thermo-shield roof coat is much more than a simple surface treatment, when applied according to manufacturers directions, it is a 10 year warranted roof system, at 10 years the roof is reconditioned by applying 1\2 the amount of original and the warrantee extends another 10 years. Able to water proof even flat, problem roofs, prone to ponding of water. It's ease of application and low cost per square foot make it the easy choice.

Thermo-shield Roof Coating has been applied on all kinds of roofs beginning in 1980, with a success record that will give peace of mind to customer and contractor alike.

The ceramic component, a key ingredient in all *Thermo-shield* coatings not only protects whatever surface it is applied to, but the ceramics also protect the coating itself, making *Thermo-shield* the toughest, best performing, long lasting, waterproofing solution available today. Testing done for the Department of Energy, at the prestigious Oak Ridge National Laboratories, in a 3 year study of leading reflective coatings, and effect on heat gain shows *Thermo-shield* out performs every other coating tested. You can't get a better reference than that .

No hot tar, no 1200 degree torch, no solvents, glues, or noxious fumes. And no specialized training is required. *Thermo-shield* applies as easy a coat of paint. The system can be applied by anyone, home owners, contractors, business and property owners, home owner associations, facilities management and maintenance departments, etc, etc. And with the *Comfort Level* inspection and certification service, everyone can receive the peace of mind that comes with a full, 10 YEAR manufacturers warranty. GREAT FOR RV'S , TRAILERS, AND BOATS!



everyone can receive the peace of mind that comes with a full, 10 YEAR manufacturers warranty. GREAT FOR RV'S , TRAILERS, AND BOATS!



USE ON: shingles, wood shakes, roll roofing, tile, slate, metal, torch down, composites, fiberglass, asbestos, modified bitumen's, EPDM, concrete, and even built up tar and gravel AND THERMO-SHIELD PRODUCTS LAST 3 TO 5 TIMES LONGER