



# TECHNICAL DATA

## Thermo Compound

### Gravel Surface Compound

#### DESCRIPTION

Thermo Compound is a powder formulation of cementitious materials with perlite, titanium, vinyl resins and other fillers. Thermo Compound is resistant to ultraviolet and sunlight.

*Each roof application has unique requirements and as such may require a specific system configuration and application. This product is manufactured to our product specification and our only obligation shall be to replace such product if proven to be defective. Thermo Manufacturing Systems, LLC does not assume responsibility for any defects in application of this product, or any deficiencies in any roof or substrates on which this product is applied, nor shall Thermo Manufacturing Systems, LLC be responsible or liable for injury, loss, or damage of any kind or character, direct or consequential, arising from the application, use or inability to use this product.*

#### USES

Thermo Compound is an insulating and reflective surfacing for built-up roof systems which meets the requirements for UL Classified Class A fire rated roof when installed over a gravel built-up roof with aggregate rate at 200 to 250 lbs in lieu of 400 lbs. Thermo Compound meets or exceeds regulations for fire resistance for numerous local and state fire marshals and government agencies. The Thermo Compound gravel surface roof system provides a minimum "R" factor of 1.33 (closed chamber heat transfer) plus a reflective emissivity "R" of 2.00 (summer flow down). Thermo Compound is mixed with water at the job site at the rate of 5 gallons per 50 lb bag with 1 gallon of 101 Concentrate. Thermo Compound can be applied over many mineral granule applications as well with prior approval.

#### COLOR

Standard color is white

#### STORAGE STABILITY

Store off the ground on pallets or dunnage with complete protection against weather until installed.

#### CLEAN UP

Water

#### PRIMER

On properly prepared surfaces, no priming is needed for application to BUR or modified bitumen.

#### CURE TIMES

Colder weather and/or higher humidity will tend to retard curing whereas warmer weather and/or lower humidity will tend to accelerate curing.

#### LIMITATIONS

Thermo Compound is not recommended for installations where ponding water is likely to occur for longer than 48 hours. Thermo Compound should not be applied when weather conditions will not permit drying, i.e. high relative humidity (>90%), just before rain, dew, freezing temperatures or sunset.

#### PACKAGING

50 lb bags

#### SURFACE PREPARATION

All surfaces to be coated must be clean, dry and free of any oil, grease or dirt.

#### APPLICATION INSTRUCTIONS

Apply by broom, or conventional or airless spray equipment

## WARRANTY

When installed by an approved applicator and with an approved maintenance program, various extended warranties are available for specific Thermo Materials® Roof Restoration Systems by notifying Thermo Manufacturing Systems, LLC **PRIOR** to job start. Call for details regarding warranty application documentation requirements.

## APPROVALS



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