



# TECHNICAL DATA

## 101 Concentrate

### Clear Acrylic Sealer

#### DESCRIPTION

101 Concentrate is a high solid, clear acrylic water-based coating.

*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

101 Concentrate may be used on plaster, wood or concrete surfaces as a water repellent. It may be used as a gravel binder to help lock in loose granules on roofs. 101 Concentrate can also be used as an admixture to Thermo Compound to form a cementitious roof coating, to achieve fast surface set, increased physical strength and chemical resistance. 101 Concentrate may be used as a cement or plaster modifier to increase physical strength and adhesion.

#### COLOR

Opaque, dries clear

#### STORAGE STABILITY

One year when stored in unopened containers at 40°F - 80°F. DO NOT FREEZE.

#### CLEAN UP

Wet material can be cleaned from spray equipment, brushes and rollers using soap and water. Dry material can be cleaned using mineral spirits.

#### PRIMER

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

#### CURE TIMES

When applied at 6 mils thickness and at conditions of 75°F and 50% relative humidity, 101 Concentrate should reach final cure in 2 to 8 hours. Colder weather and/or higher humidity will tend to retard curing whereas warmer weather and/or lower humidity will tend to accelerate curing.

#### LIMITATIONS

101 Concentrate will freeze and should not be shipped or stored at temperatures below 32°F. 101 Concentrate is not recommended for installations where ponding water is likely to occur for longer than 48 hours. 101 Concentrate 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

Available in 5 gallon pails and 55 gallon drums

#### SURFACE PREPARATION

101 Concentrate is supplied ready to use. Thinning is not required or recommended. If required, stir the materials slowly to ensure uniformity. DO NOT MIX AT HIGH SPEED. All surfaces to be coated must be clean, dry and free of any oil, grease or dirt.

#### APPLICATION INSTRUCTIONS

Apply by brush, roller with long nap, 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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