



# Detec TruGround® Conductive Primer

## PRODUCT DESCRIPTION

February 2021

Detec TruGround Conductive Primer is a water-based, liquid-applied, electrically conductive primer that enables effective electronic leak detection (ELD) testing of conventional roof assemblies. Detec TruGround is brush- or roller-applied in a single-sided application to any properly prepared, non-conductive horizontal or vertical surface such as plywood, insulation, or gypsum cover boards. TruGround is compatible with high- and low-voltage ELD testing methods listed in ASTM Standard Guide D7877 and complies with ASTM Standard Practice D8231. TruGround is UL Listed and FM Approved in several Mule-Hide roofing assemblies.



## FEATURES AND BENEFITS

- Facilitates quick and reliable ELD testing on conventional roofing assemblies
- Compatible with all single-ply membranes, including bareback membranes and black EPDM
- Suitable for fully adhered, mechanically attached, and ballasted roof membranes
- UL Listed and FM Approved in over 10,000 FM rated assemblies
- Quick drying – typically under 30 minutes
- Non-reflective, flat black color
- Low-VOC
- Non-flammable and solvent free
- Made in the USA

## PRE-INSTALLATION PRECAUTIONS

1. Mule-Hide recommends the use of boot covers to prevent tracking TruGround onto new and clean membrane surfaces.
2. TruGround must be applied when ambient temperatures are 40°F (4.4°C) and rising.

## INSTALLATION INSTRUCTIONS

1. Before removing the lid, flip pail upside down and allow it to sit on its lid for 5 minutes. This allows the solid particles that have settled at the bottom of the pail to loosen up, which will improve mixing.
2. After 5 minutes, turn the pail right-side up and remove the lid.
3. Thoroughly mix each pail with a paddle mixer until the color and viscosity are consistent.
4. If gaps between substrate boards exceed 1/8", start by liberally applying TruGround to the substrate joints using a paint brush. As an alternative, and for those projects with larger gaps between substrate boards, a conductive tape is recommended to ensure electrical continuity.
5. Apply a thin coat of TruGround over the entire project area using a 3/8" nap roller. If the surface is black, TruGround has been applied at the acceptable thickness.
6. Continue TruGround up and onto all metal/grounded penetrations from the field of the roof. These metal penetrations will be used to connect the testing apparatus when the membrane is tested.
7. Allow TruGround to completely dry before membrane installation (typically around 30 minutes). Expect longer dry times when temperatures are cooler.
8. Once TruGround has dried completely, the roof membrane can be installed following standard procedures. TruGround does not take the place of the required membrane bonding adhesive.

Note: Prior to membrane installation, it is recommended to test for continuity between substrate boards using a continuity tester (available from Detec).

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## **PRECAUTIONS**

- TruGround Primer is water-based and susceptible to freezing. Therefore, it must be stored above 32°F (0°C).
- Porous substrates such as wood and lightweight concrete will reduce the coverage rate of TruGround, and will require two coats to achieve proper coverage.

## **PACKAGING AND COVERAGE RATE INFORMATION**

- TruGround comes packaged in 5-gallon (18.92-liter) pails
- Each 5-gallon pail will cover approximately 1,250 ft<sup>2</sup> (116 m<sup>2</sup>)
- Each pail weighs approximately 48 pounds
- Each pallet contains 27 pails of TruGround primer

## **LEED INFORMATION**

LEED® Qualifications	
Pre-Consumer Recycled Content	0%
Post-Consumer Recycled Content	0%
Manufacturing Location	Portland, OR

## **PROTECTION & SAFETY**

Mule-Hide maintains Safety Data Sheets on all of its non-exempt products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. Mule-Hide's Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Mule-Hide products in your facilities.

## **ADDITIONAL INFORMATION**

The information given on this PDS is subject to change without notice. Always check the Mule-Hide website at [www.mulehide.com](http://www.mulehide.com) for the latest information, changes and updates or contact Mule-Hide Products Company at 800-786-1492.

## **DISCLAIMER**

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