

# Detec TruGround®

## Conductive Primer

The Right Choice for Low-Slope Roofing Products

**800-786-1492 • mulehide.com**



Rugged • Time-Tested • Weather-Tested

### Product Description

Detec TruGround Conductive Primer makes effective electronic leak detection (ELD) testing of conventional roof assemblies fast and easy, helping ensure that a roofing system is watertight and free of breaches, holes, and seam voids.

Compatible with all single-ply membranes and listed in more than 10,200 MuleHide Factory Mutual (FM) RoofNav assemblies. Detec TruGround Conductive Primer can provide peace of mind that a newly installed roofing system is leak-free, and it can be used for maintenance, warranty, and forensic purposes.

The water-based, liquid-applied, electronically-conductive medium is applied directly to the substrate, using a brush or roller, prior to membrane adhesion. Once in place, it allows ELD testing for the life of the roofing system.

Detec TruGround Conductive Primer is a highly versatile tool:

- Compatible with all single-ply membranes.
- Works with low- and high-voltage ELD testing methods.
- Can be applied to any properly prepared, non-conductive horizontal or vertical surface, including insulation, plywood, wood, lightweight concrete, and coverboard.
- Suitable for use in fully adhered, mechanically attached, and ballasted roofing systems.

### Features & Benefits

- Facilitates quick, reliable ELD testing on conventional roofing assemblies.
- UL Listed and FM Approved in more than 10,200 MuleHide FM RoofNav assemblies.
- Quick-drying. Typically dries in less than 30 minutes.
- Non-reflective, flat black color.
- Low-VOC.
- Non-flammable. Solvent-free.
- Excellent adhesion.
- Made in the United States.



### Packaging:

- 5 Gallon Pail

Coverage	Weight	Pail/Pallet
1,250 sq. ft.	48 lbs.	27

### Code Approvals/Compliance:

- ASTM D8231
- UL Listed
- FM Approved
- Compatible with low- and high-voltage ELD testing methods listed in ASTM Standard Guide D7877

### Application Methods:



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### Frequently Asked Questions

#### 1. What is Detec TruGround Conductive Primer?

Detec TruGround Conductive Primer is a patented water-based epoxy developed specifically for use in electronic testing of conventional roofing assemblies. Once applied to a non-conductive substrate, such as wood, insulation or coverboard, the primer enables electronic leak detection (ELD) testing of the membrane for the life of the roof.

Detec TruGround Conductive Primer is placed on the substrate directly below the membrane. Any other conductive mediums placed below the coverboard will result in invalid leak detection tests.

#### 2. What is ELD?

ELD is a quality-control testing procedure designed to locate discontinuities in waterproofing and roofing membranes. ELD determines the location of the membrane discontinuities (breaches/seam voids) by applying an electrical current to the surface of the membrane. ELD can also be called: electronic water test, electronic breach detection, membrane integrity testing, membrane integrity survey, and electrical conductance testing. ELD can be low-voltage or high-voltage.

#### 3. What is a leak detection system?

“Leak detection system” can have different meanings depending on who you ask. A conductive medium below the membrane is often referred to as a “system.” The testing technology also can be referred to as a “system.”

MuleHide considers a “system” to be an embedded, monitored product, distinguishing between control tests (such as IntegriScan), conductive mediums (such as Detec TruGround Conductive Primer), and fully monitored leak detection systems (such as PermaScan).

#### 4. Can Detec TruGround Conductive Primer be used on buildings insured by Factory Mutual (FM)?

Yes. Detec TruGround Conductive Primer is listed in more than 10,200 MuleHide RoofNav assemblies. RoofNav-listed assemblies are insurable by FM. Tests conducted by FM showed that the addition of a conductive medium between the membrane and substrate did not affect the performance of these roof systems, including adhesion and wind uplift. Details on approved roofing assemblies can be found at [RoofNav.com/Account/Login](http://RoofNav.com/Account/Login).

Additional options are available when the building is not insured by FM but a MuleHide system warranty is desired. Additional details are available by contacting the MuleHide Technical Service team or the local MuleHide Territory Manager.



Application with 3/8" nap roller

#### MORE INFO



The information herein should not be considered all-inclusive and should always be accompanied by a review of the MuleHide specifications and guidelines and good application practices.

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