



UltraBase

Product Data Sheet

Description:

UltraBase is polymer based material that is designed to be mixed with Portland Cement used as an EPS insulation board adhesive and/or base coat.

Uses:

UltraBase is primarily used as a base coat to embed reinforcing mesh, as well as an adhesive for adhering EPS insulation board to approved substrates.

Color:

Off white (before cement is added)

Packaging:

50 lb (22.7 Kg) plastic pail.

Coverage:

Approximate coverage rates are:

- 130 f² as an adhesive
- 230 f² for embedding the reinforcing mesh.

Mixing:

Mix UltraBase and pour 1/2 of the mixed product into a clean 5 gallon pail. Add 25 lbs (1/4 of a bag) of Type 1-2 Portland Cement into each pail. Add the cement gradually and mix thoroughly to a smooth consistency. Up to 8 ounces of potable water may be added to each pail during the mixing to adjust the consistency. Cover the pails and allow UltraBase to slake for 4 to 5 minutes. Re mix to break the initial set (1 to 2 minutes) before using.

Limitations:

UltraBase should be applied when surface and ambient temperatures are between 40° F (4.44°C) and 110° F (43.33°C) during application and cure time. Weather and temperature conditions will effect both the drying and workability.

Surface Preparation:

Surface must be clean and free of bond-inhibiting materials such as dirt, dust, rust, grease, oil, efflorescence, mildew, fungus, form-release agents, or any other contaminants. Remove and repair any loose mortar, stucco, concrete, or masonry by water blasting, sand blasting, scraping, or using a wire brush. Substrates should be sound and securely fastened. Failure to correctly prepare the surface may result in product failure.

Application:

When embedding the mesh use a stainless steel trowel to apply UltraBase to the surface of the EPS insulation approximately 3/32". Immediately place the precut pieces of reinforcing mesh over the UltraBase and embed the mesh into the UltraBase starting from the center outward to avoid wrinkles. The final thickness should be enough to completely cover the mesh, allowing the pattern to show but not the color.

When used as an adhesive apply UltraBase to the back surface of

the EPS insulation board using a 3/8" notched trowel. Apply the adhesive in rows across the 2" dimension to provide a drainage plane.

Curing/Drying:

UltraBase needs to be protected from rain and other moisture sources and allowed to cure for a minimum of 24 hours.

Shelf Life:

One year when stored in a cool dry location out of direct sunlight.

Clean Up:

Clean tools and equipment with water immediately after use.

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Precautions:

KEEP OUT OF THE REACH OF CHILDREN. Not for internal consumption. Do not apply in non-ventilated area. Use protective equipment such as gloves, eye protection and clothing.

First Aid:

In case of eye contact, flush with water at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort continues or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION. For additional information refer to the UltraBase Material Safety Data Sheet (MSDS).

Disposal:

Dispose of in accordance with local, state or federal regulations.

Warning:

KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION, FOR INDUSTRIAL USE

Spills:

Scrape up and wash with water immediately. If material has set, scrape material with appropriate tools and clean with citric acid.

Prop 65:

This product contains materials listed by the state of California as known to cause cancer, birth defects, or other reproductive harm.

Technical Support:

For technical support call 1-602-272-5830. Information contained in this Product Data Sheet conforms to the standard detail recommendations and specifications for the installations of UltraKote products as of the date published on this document. UltraKote Products, Inc. assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To insure that you are using the latest, most current information, contact UltraKote Products, Inc
