

UT-40 Universal Tape

Product Description

UT-40 Universal Tape is a self-adhering air and moisture barrier tape for use on vertical and horizontal above grade substrates and most construction surfaces.

Basic Use

UT-40 Universal Tape is a 40 mil thick polyester backed synthetic butyl rubber based adhesive membrane that can be applied to gypsum board, roofing membranes, steel, concrete, building paper, block wall, insulation board, plywood, metal, polystyrene and polyethylene surfaces to form a positive and immediate moisture and vapor barrier protection system. UT-40 has excellent conformability characteristics to irregular surfaces, low temperature adhesion and high temperature flow stability. The synthetic butyl rubber compound adhesive provides excellent thermal resistance to high temperature environments. The butyl compound adhesive has been tested and proven not to flow at elevated temperatures up to 300°F (149°C).

UT-40 Universal Tape can be used for, but is not limited to, the following applications:

- EPDM, PVC, TPO, modified bitumen, cured asphalt & coal tar pitch
- Sheet rock joints in roof assemblies
- Sealing joints on gypsum sheathing in cavity wall construction
- Window & door perimeters to the building substrate
- Joints on synthetic stucco systems (EIFS)
- Other areas where a moisture, vapor or air barrier is required
- Applications on surfaces as cold as 25°F or above
- All critical high-temperature applications where a moisture, vapor or air barrier is required

Storage

UT-40 should be stored in a dry, well-ventilated area out of direct sunlight between 50°F (10°C) and 90°F (32°C). Do not double stack pallets. Do not store rolls on end. Do not remove from box until ready to use.

Packaging

Roll Size:.....4" x 50' (12 rolls/case)
6" x 50' (8 rolls/case)
 Custom widths available to order
 Weight/Case:.....52 lbs.
 Cases/Pallet:18 cases/pallet

Technical Data

Color	Black
Thickness	40 mils +/- 5 mils
Tensile Strength	150 psi
Elongation (ultimate failure of butyl mass)	500% min.
Permeance	.013 avg perms
Pliability	Pass
In-service temperature	-30°F to 250°F

Surface Preparation

Surfaces should be clean, dry, free of dirt and other foreign matter. Surfaces must be 25°F (-3.8°C) or above. For applications below 40°F (10°C) we recommend surfaces are primed with BP-40 Primer. OSB, exterior drywall, concrete, masonry, or retrofit surfaces where UT-40 is to be applied must be primed with BP-40 Primer.

When priming with BP-40 Primer, the surface onto which UT-40 will be applied, should be primed using a brush or roller at a rate of approximately 125 to 175 sq. ft. per gallon depending on the porosity of the substrate. Allow primer to dry approximately 30 minutes or until tacky, but not wet, to a dry finger. Do not attempt to apply membrane before primer is dry.

AP-42 High Tack Acrylic Primer is a moisture tolerant, high tack, water based bonding adhesive alternative primer that provides excellent adhesion to EPDM, PVC, TPO and other Single-Ply roofing membranes, steel, dry concrete, dry masonry, OSB, plywood, exterior grade gypsum, cementitious fiber boards and many other building envelope surfaces and is suitable for use on moist or damp surfaces. Apply at 40°F and rising.

AP-42 High Tack Acrylic Primer can be applied with medium nap roller or brush. Primed surface shall be free of runs, puddles or excessive primer as this could cause blistering. Brush or roll out all primer puddles or drips immediately. Set time is approximately 20 to 60 minutes. Apply at 175 to 225 sq. ft. per gallon depending upon porosity of the substrate.

Application

Cut a piece of UT-40 in a length that can be easily handled. Begin the application by removing approximately 12 inches of the release paper and center the tape over the area to be sealed. Horizontal joints should be covered first, then vertical joints. Firmly press or roll UT-40 against surface and continue pulling off the release paper while smoothing the tape into place. Rolling UT-40 will help ensure a tight seal and minimize trapping air beneath the tape. Membrane overlaps should be a minimum of 4".

Technical Services

Technical advice on use of material for specific application and end use requirements is available from the manufacturer. Safety Data Sheet (SDS) should be consulted for further information. This product is for industrial and professional use only.