

Micro-Perforated KleenWrap Installation Instructions

KleenWrap is easiest to install quickly on the OSB/Plywood deck before any exterior or interior walls are built. Chalk lines can be snapped on the deck and read thru the material, or they can be snapped on the material itself. The sooner it is put down the better, to get the deck protected from the start.

KleenWrap is micro-perforated for breathability so moisture under the material can escape. During light rain and snow, some moisture will pass thru the micro-perforations and that is normal. After a day or two, especially with sun, wind and warmer temperatures, that will evaporate. If heavy precipitation is probable before the house is dried in, it is recommended to wait until it is dried in before installing KleenWrap. That means it would be installed “room by room”. **If the deck becomes soaked before installation, always let the OSB/plywood dry before installing the KleenWrap, again even if it means installing it room by room after the house is dried in. Never install over any wet or damp floors. That excessive moisture will take too long to evaporate.**

KleenWrap cuts the easiest with scissors, and we recommend 3/8” or 1/2” staples. Stainless steel staples are the best. The KleenWrap Tape is a high tack quality rubber adhesive tape that conveniently tears by hand.

- 1) If you are not using a gasket or caulk between the bottom plate and the deck on exterior walls, overlap the edge of the deck by about 6 inches and staple the ends and then the first strip of KleenWrap to the band board every 18 to 24 inches.
- 2) If you are using a gasket or caulk between the bottom plate and the deck on exterior walls, leave a 4 inch or 6 inch space for the exterior walls and staple the ends and then the edges of that first KleenWrap strip to the deck every 18 to 24 inches. Pull the material tight as you staple it. Ends first and sides second works best to get it down tight.
- 3) Roll out the second strip overlapping the edge of the first strip and aligning it using the 4 inch overlap line on the material. Staple the ends and then every 1 to 2 feet along the overlapped length through both layers to hold it down until it is taped. If you have concerns about the tape holding, you should staple every 3” close to the overlap edge through both layers to avoid a tripping point.
- 4) **Immediately** tape the overlap edge with the hand tear 2 inch wide KleenWrap Tape. Do not delay in taping the edges. Try to make certain that the KleenWrap is clean and dry. If the material is wet, dirty or covered with sawdust, there will be poor adhesion of the tape and the overlapped edge will not be effectively sealed down. **Always make sure the material is pulled tight.**
- 5) You may want to use stainless steel staples because they will be in place for months. **For photos showing proper Installation go to www.kleenwrap.com.** If you are installing room by room, install KleenWrap in the rooms first and then run the hallways, taping the overlapped edges. **Remember to press the tape down well!**
- 6) Continue rolling out and securing down the strips until the entire deck is protected. An 18” to 24” wide 3 sided flap can be cut in the material just prior to HVAC ductwork holes being cut in the deck and the flap pulled back for installation. Then tape the flap back down over the floor vent to keep dust and debris out of the ductwork. Plumbing contractors can cut small holes for pipes to avoid drills grabbing the material.

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- 7) Leave the KleenWrap in place until you are ready for painting, or clean it well in place and leave it until you are ready to install finish flooring, whichever you prefer.
- 8) **To remove**, run a utility knife along the edge of the inside walls, remove the KleenWrap and any exposed staples. **You will get the best results** if you cut the strips the length of a room near the overlapped edge, so you will take it back up in 5' wide strips. **Roll up the material** and pull out the exposed staples as you roll the material up. Rolling will help you remove as much of the drywall dust and dirt if you avoid dumping that dust on your subfloors. Vacuum the subfloors immediately as you roll up the dirty KleenWrap and also vacuum along the base of the drywall. Your subfloors will be cleaner than was ever possible before KleenWrap.
- 9) **Make sure that you leave the KleenWrap in place as long as possible. Remove it as the very last step before painting or finish flooring installation for the absolute best results!**

On **smooth concrete**, installation is essentially the same other than obviously tape is used to secure the outside edges and the ends to the concrete. Check with your concrete contractor to verify when it is okay to cover the surface. Make sure that the KleenWrap and the concrete are as clean and dry as possible to get the best possible tape adhesion on the overlap edges and the ends. The KleenWrap Tape, and any tape for that matter, may leave some residue on the concrete. If the concrete is going to be stained, or if you have another tape you like on concrete, use that for the outside edges on the concrete, and the KleenWrap Tape for the overlap edges on the KleenWrap itself.

On some concrete, especially **rough concrete**, tape adhesion will be impossible. Use KleenWrap Tape to seal the overlap edges of the strips of KleenWrap. 2" by 4" scrap pieces or some other means can be used to hold down the outside edges if necessary. If the slab is framed, the KleenWrap can be stapled to the floor plates.

CAUTION: If installed KleenWrap has snow or ice on it, be very careful as it can become slippery!

Protect the investment in this subfloor protection product by avoiding unnecessary damage to the product that can be caused by dragging lumber and other building materials, especially any with protruding nails or sharp edges, across the deck. Any damage is easily repaired with KleenWrap Tape.

Pictures of actual installations and the results months later can be seen at www.kleenwrap.com.

If you have questions please call us at **800-515-6406**. Thank you.

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