

Non-Porous Substrate Surface Preparation Two-Cloth Cleaning Method

This bulletin addresses the cleaning of non-porous substrates such as metal, glass, and plastic. Non-porous substrates can be cleaned more easily than porous and require less invasive methods. The most effective method for cleaning non-porous surfaces is by solvent wipe.

Compatibility of the solvent used with the surface to be cleaned must first be established. Confirm compatibility with the substrate manufacturer before starting the cleaning process. Once compatibility is confirmed Pecora recommends the Two-Cloth method.

The Two-Cloth method is carried out as follows:

1. Pour an appropriate amount of an approved solvent onto a clean cloth. Do not dip the cloth into the solvent container for this can cause contamination of the clean solvent.
 - a. **99% Isopropyl alcohol** is the preferred solvent for non-porous substrate cleaning.
2. Wipe the surface to be cleaned with the solvent cloth using sufficient pressure to “lift” the surface contaminants. Check the rag surface to ensure the cleaning is effective. Rotate the cloth surface to ensure clean cloth is doing the work. Continue until the cloth is picking up no more contaminants.
3. Immediately wipe down freshly cleaned area with a clean dry cloth. The cleaning solvent must be removed before dry, or a residue may be left behind that may interfere with the sealant adhesion.
4. Change to clean cloths as needed to ensure contamination is not reintroduced to surface being prepared.

This procedure is a valid surface preparation method for all sealant applications to non-porous surfaces but is not a substitute for priming when indicated.

Refer to the product datasheets and/or contact Pecora Technical Service for substrate specific primer recommendations.

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