

PSV Application



Acceptable Surfaces

Stainless steel, aluminum, glass, ABS, polycarbonate, Plexiglas® automobile enamel and standard mounting boards like Sintra®, Gatorfoam® and Fome-Cor®. The product is designed for use on smooth, flat surfaces and should not be applied over corrugations or rivets. Textured surfaces and wood tend to promote poor adhesion. Always pretest your specific substrate prior to actual application.

Prep

Always ensure that the receiving substrate is thoroughly cleaned, free of dust, dirt or cleaner residues. Walls primed with latex paint should contain no waxes or silicones. Metal and glass surfaces can be cleaned with standard glass cleaners. Poor surface conditions will cause adhesion loss or failure.

Install

Proper contact of the adhesive to the mounting substrate is critical, and maximum pressure should be used to install the vinyl. If insufficient pressure is used during the install, the edges of the vinyl can lift. When applying vinyl to mounting boards, it is recommended that a cold roll laminator be used to give adequate, even pressure during application.

For installations by hand, use application tape and squeegee with adequate pressure. It is recommended that water not be used during the installation, but if it is used, use minimal amounts. All water must be squeegeed out from under vinyl. If liquid soap is added to the water to increase the ease of installation, use only one drop per gallon of water. Soap must not contain moisturizer. Do not use heat guns to install vinyl. Material should not be stretched during installation. It is a calendered vinyl, and it will shrink back to original size, which might cause edges to lift or create gaps between panels.

The adhesive is very aggressive and removal may cause damage to indoor painted surfaces or drywall surface. To increase the ease of removal, gently heat the vinyl with a heat gun to soften the vinyl and adhesive. The longer PSV is mounted, the more difficult the removal will be. Different surfaces will have different adhesion characteristics. Glass and stainless steel usually promote extremely high adhesion values and removal may be more difficult than with other surfaces. If during the removal adhesive transfer happens, soapy warm water and aggressive rubbing with a cloth should remove adhesive. For surfaces with more difficult adhesive removal, isopropyl alcohol (a.k.a.- IPA or rubbing alcohol) can be used.

Tools



- Multi purpose applicator
- For easy wet transfer using the wedge side
- Neoprene roller for dry application
- During wet transfer it squeezes out excess liquid

- Tools can be found at Grimco Inc.

<https://www.grimco.com/Catalog/Products/AveryDennisonRedProflexSqueegee>

