

ONE WAY VISION TRANSPORT AND SURFACE PREPARATION

Issued: 12th March 2019

These are the recommended steps to take to transport Clear Focus One Way Vision (OWV) film and preparing the glass surface prior to installation.

Location: Applicable to all geographical areas in Australia and New Zealand.

Temperature/Humidity: Within the range as per the film's data sheet.

Surfaces: Any external and internal glass or acrylic surface for vehicles and buildings.

OWV Films: Mandatory for all Clear Focus One Way Vision films with or without an adhesive layer.

Check List:

- Low tack masking tape
- 2 x clean lint free cloths
- Plain kitchen sink dishwashing detergent liquid (no additives)
- Isopropyl alcohol (IPA) (100% solution only)
- Warm water
- 1 x window scraper (optional)
- 2 x spray bottles (optional)

Pre-Preparation Notes:

1. Use a dishwashing liquid that contains just soap. No other additives, as some of these additives can dissolve the adhesive layer of the OWV film.
2. Do not use a wax detergent, such as commonly used for cars.
3. Do not use Windex or any other cleaning agent containing ammonia.
4. Do not use citrus cleaners, methylated spirits or vinegar.
5. Do not use solvents or replace IPA with prep-sol, prep-lube or prep-wash.
6. Do not replace warm soapy water with IPA, as IPA alone will not adequately clean the surface. IPA is required to dry the surface.

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Transportation Steps:

1. Transport printed Clear Focus One Way Vision film (OWV) either in flat and stacked sheet form or rolled form. Do not transport until print is completely dry and gassed out.
2. If sheet form, then ensure the liner is underneath and the printed side is up. Lay flat. Place the first sheet on a rigid substrate such as a pallet with a layer of thick cardboard or fluted plastic sheet. Stack each sheet on top aligning edges. When finished stacking, place another piece of cardboard or flue board on top. Do not strap, instead shrink wrap the entire pallet around the edges and over the top.
3. If rolled form, then ensure the image is on the outside edge of the roll, do not roll the printed side inwards. Minimum diameter of roll is 15cm. This will help prevent stretching. Preferably roll the OWV film onto a 6 inch core tube. If laminated, lay the film flat and wait 24 hours after lamination before rolling. Use low tack masking tape around the entire diameter of the roll.
4. If rolled, place the roll inside a clean plastic protective bag, add end caps at both ends then place into a strong cardboard box.
5. During storage and transport, avoid exposing the OWV film to prolonged durations of very low or high temperatures or humidity. Never store or transport in direct sun light. Do not expose to water.

Preparation Steps:

1. Remove all previously installed film and paint off the surface
2. Scrape off all silicone, rubber, glue, mud, grime, bird faeces, dead insects, dirt, pollen, flecks of paper and all other materials from the surface.
3. With warm mild soapy water, using one of the clean lint free cloths, thoroughly wash the entire surface, from edge to edge. In the corners and edges, do not use a circular motion, rather use horizontal and vertical strokes to clean all the way into the corner and along the edges. This entire step may need to be repeated several times with considerable effort, to ensure the surface is thoroughly clean.
4. Ensure no dust, grime, smudges, finger prints, tree sap, bird droppings, dead insects, paint, paper flecks, adhesive, chemical residue or any other contaminants remain.
5. Dry the surface and remove soap residue by pouring some IPA onto the other clean lint free cloth, and rubbing the entire surface dry.
6. In some cases, it may be necessary to repeat steps 3 to 5 several times, until the surface is completely and thoroughly clean.

Post-Preparation Notes:

OWV film has up to 50% less adhesive than typical solid self adhesive vinyl, because of the perforations. Hence it has less surface area to adhere to and the overall adhesion strength is reduced when compared to non-perforated film. Therefore, it is imperative that the surface is absolutely clean from all prior cleaning chemicals, and other contaminants preventing the OWV to adhere.

In addition, the corners and edges are critical, as that is the greatest area of risk for failure. The OWV film edges must properly adhere to the glass surface, otherwise it will dry out and the film will start to curl at the edges.