

Lamination Procedure for Removable Version

Components enclosed

Interactive foil removable version. Removable with no residue 1 year soap solution

Overview

Touch foil comes with the removable adhesive integrated into the touch foil; the adhesive is exposed when the release layer is removed from the touch foil. The adhesive side is identified with a small green sticker.

The touch foil is applied to the substrate using a soap/water mix 20ml of VP soap solution to 500ml of water and a squeegee.

It is advisable to have two people available for the installation for sizes over 40"

Important

1. The touch foil must be handled carefully to avoid creasing or tearing.
2. A soft cloth should be used if the foil requires cleaning, clean from the centre of the foil out to the edges of the interactive foil.
3. **If during the installation water enters the electronics of the Interactive touch foil please allow sufficient time to dry before using**

Installation

1. Decide on the correct position the touch screen **before** starting the lamination process.
2. Thoroughly clean the substrate making sure it is, dust-free and free of any oils or grease. **Dirt and other contaminants allow pockets of air that undermine the seal necessary for a good installation.**
3. Use the water/soap mix and squeegee to clean the substrate just before lamination.
4. Apply a good covering of water/soap mix (20ml VP soap solution to 500ml of water) to the substrate using a water sprayer/atomiser.
5. To remove the release layer first apply the **non adhesive** side of the touch foil to a window or other suitable surface by first spraying the window/wall with water so the foil is held against the surface: Fig 1



Fig 1

6. Release the release liner from the foil using sticky tape at back and front corner of the foil: Fig 2



Fig 2

7. Remove the release liner at the same time spray the touch foil adhesive surface with the water/soap mix. It is important to pull back the release layer close to the touch foil and make sure the foil does not lift off the substrate, (it is useful for the second person to hold the foil to the substrate). Fig 3/4



Fig 3



Fig 4

8. It is important to wet your fingers before removing and turning around the touch foil for application to the substrate.
Note:
If you had to place the foil in the area of the final lamination to remove the release layer clean this area before the final lamination of the foil.
9. Align the touch foil at the top of the substrate, and then slowly lower the foil and allow it to wet on to the substrate.
10. Before final lamination, make a visual check that there is no visible dirt under the touch foil.
11. Spray the top surface with the soap mix to avoid the squeegee sticking during lamination.
12. The second person should hold the foil lightly but sufficiently to stop the foil moving during the lamination process.

13. Remove excess water using a squeegee working from the centre to the edges of the touch foil, apply a firm even pressure. Fig 5/6



14. The electronics should be secured to the window once the lamination has dried.

Important

Unless you are operating in clean room conditions it is possible that some small imperfections may occur during the lamination process.

If applying to a piece of glass substrate allow at least 24 hours before moving, to allow sufficient evaporation of the remaining water to enable a good bond to the substrate.

Removing the foil and re-applying a release layer

This version of the ViP Interactive Foil can be re-used **once only** up to 1 year, however this is only possible as long as the foil is removed, handled and stored carefully, the removal is the reverse of the install process. Any dirt picked up on the adhesive surface during the removal process will impact on the quality of the foil when re-installed.

1. Wet an area of window to apply the non-adhesive side of the touch foil once removed.
2. Wet your fingers with the soap mix carefully lift a corner of the foil and peel without creasing the foil.
3. Apply the non adhesive side of the foil to the window spray the adhesive layer* with the soap mix lay the release layer on the foil and use the squeegee to remove the moisture between the release layer and the foil. Allow to dry and store at room temperature.

*Replacement release layer can be supplied by your Interactive Foil supplier.

Removing the foil and applying a acrylic or glass substrate

1. Wet the substrate you are applying the foil to for storage.
2. Wet your fingers with the soap mix carefully lift a corner of the foil and peel without creasing the foil.
3. Lay the adhesive side on the substrate and squeegee the water out from the centre of the foil to the edges. Allow to dry and store carefully at room temperature

For additional information see video of the foil