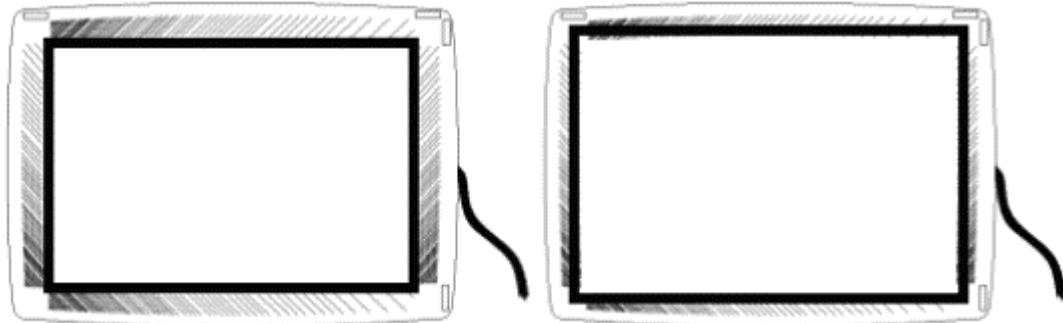


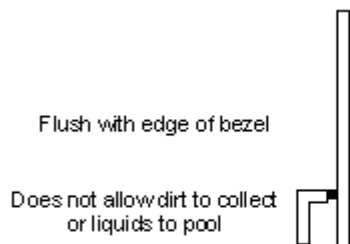
# Application Note:

## IntelliTouch Sealing - DO's and DON'T's

1. Use only Elo polyolefin closed-cell foam sealing material ("Volara") with adhesive backing (Elo U.S. P/N 160169, Elo Germany P/N 00VOL6). Only this material has optimum seal/signal absorption characteristics. Rolls are 1/4 in. wide x 1/8 in. thick x 75 ft. long (6 mm x 3 mm x 23 m), black.



2. **DO**  
Position the seal just inside the reflector stripes in the active area on the front of the touchscreen.
3. The seal must be fully compressed all the way around. This provides a splash-proof seal which will not allow liquids to wick behind the seal. It also creates a stable signal, even if a user presses hard on the bezel.
4. Place the seal flush with the bezel. Do not create a cavity where water and dirt cannot be easily wiped away

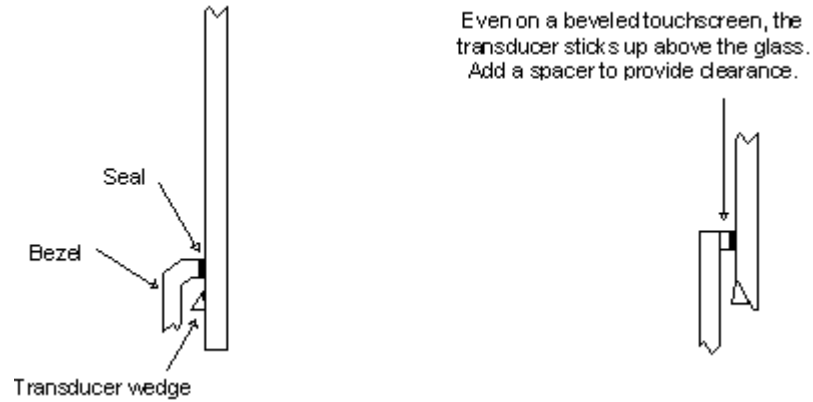


**DO**

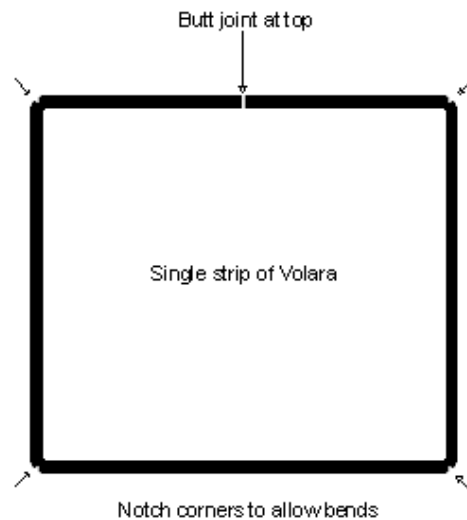


**DON'T**

5. Also be sure that the transducers are not touched by the bezel.



6. Use a single strip of Volara, bending around the corners. Make the seam at the top and score each corner to relieve tension. The adhesive should be on the bezel side.



7. Your seal performance can be measured with the SAWSTAT utility under DOS. Contact Elo Technical Support for details.

Note: The Volara can touch the reflector stripes if absolutely necessary, but by no more than 1 mm. If more than 1 mm contact is necessary, a hard bezel material such as ABS plastic can be used instead of Volara, but this will not make a splash-proof seal. Firm contact with the touchscreen glass is required as a minimum dust seal.