

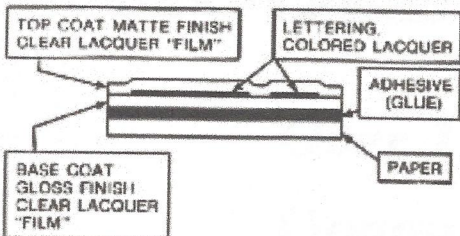


**THE  
HERALD  
KING™**

# HO Catalog 95

## TO HELP YOU GET THE BEST RESULTS

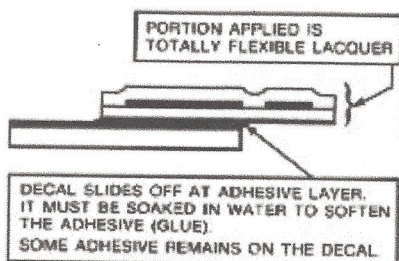
### UNDERSTAND WHAT A DECAL IS.....AND HOW IT WORKS.



The adhesive that remains with the decal will hold it in place for some time. However, it is not a permanent bond to the car.

The amount of adhesive that remains with the decal varies with length of soaking, temperature, humidity, pressure used to "slide off" the decal and conditions at the paper manufacturer's plant when the adhesive is applied to the paper.

Longer soaking means less adhesive on the decal. Excess adhesive requires more setting solution. This is explained later.



All types of setting solutions do basically the same thing...**MELT THE DECAL!**

### SPECIAL NOTE!

**STORAGE:** Decals should be stored at "normal" room temperature and humidity. Excessive variation from hot to cold, cold to hot, dry to moist, moist to dry or a combination of these will cause the decals to crack.

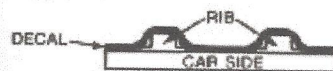
All types of setting solutions do basically the same thing...**MELT THE DECAL!**

Setting solution should be applied to run under the decal. This will "soften" the entire decal to enable it to "snuggle" in place.

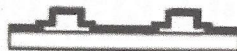
**MOST IMPORTANTLY**... the bottom surface of film will become the softest and will bond with the car paint as it dries. If there is an excess of adhesive the setting solution will have to penetrate the adhesive before softening the bottom surface of the decal film and more (or stronger) solution will be needed to do the job.

*If there is little or no adhesive a strong solution will bite through the bottom layer of film and cause the layer of color (lettering) to "blush" or run.*

**REMEMBER:** The amount of adhesive on the decal will vary with weather and room air conditions.



BEFORE APPLYING SETTING SOLUTION PROPERLY "FITTED" WITH WATER



AFTER APPLYING SETTING SOLUTION DECAL "SNUGGLES" TO CAR SIDE



TOO MUCH "BRIDGE"

DECAL NOT "FITTED" WILL CRACK HERE



Decals should be "fitted" to the ribs while wet with water as best possible. **IF THE DECAL HAS TOO FAR TO STRETCH IT WILL CRACK.**

**YOUR BEST BET**... is to test application using the "Herald King" logo and set number portion of the decal before you start decalling your boxcar.

**ACTUAL METHODS OF APPLICATION VARY** with the individual modeler. We suggest one method in our directions with each set. But... experimenting to see which works best for you is always recommended.

After the decals are completely dry and excess adhesive has been wiped off with a damp cloth they should be over-sprayed to prevent discoloration, blend the edges and protect the decal. This should be a "light" coat; just enough to cover.

We recommend Testor's Dull Coat or Clear Gloss in the spray cans because it is compatible with "Herald King" decal lacquer. Other brands or types of over-spray should be tested before use as they could "melt" the decal or not adhere to the decal.

**THE WORST ENEMIES** of "Herald King" decals are **DRY AIR**, **HEAT** and **BENDING!** We try to make the decals as thin as possible to make the finished car look like a "paint job", yet keep them workable for all modelers. Although they are made of "flexible" decal lacquer the thin film is not exceptionally strong.

**IF THEY DRY OUT** the film will shrink and crack and they will fall apart when water releases them from the paper. This occurs most in winter when the humidity is very low in homes without humidifiers or if the decals are subject to cold dry air such as in the mall or when left in standing cars for some time.

**IF THEY GET TOO WARM** the film will also shrink and crack. Water used for soaking the decal should be room temperature because the decals are already at that temperature. Room temperature will feel slightly COOL to the touch. Skin temperature is about 85 degrees and room temperature is about 70 degrees.

**BENDING** will also crack the film.