



## 22KT & 23.5KT GOLD THERMAL TRANSFER/SCREEN PRINTABLE

### THERMAL PRINTING

22kt & 23.5kt SignGold vinyl material has a 10 year limited warranty for indoor and outdoor applications. Printing inks need laminate protection and may not last warranty length. Inks/foils are getting better all the time with new technology but generally speaking will not last the length of our 10 year warranty. By following this basic information, our SignGold vinyl can add a splash of beauty and interest to many sign projects.

When setting up machine for printing, use the traditional setting used for high performance vinyl. Many printers are defaulted or set and need no changes. It is advisable to run a test before beginning actual job.

Make sure the material is free of contaminants which could cause poor printing results. Make sure material is dust-free. If using an Edge II or FX printer, it is advisable to run at Edge 1 speed to insure good printing results.

If candy effects are desired, use translucent color foils which allow the SignGold patterned film to show through color. If choosing to go more opaque when using color, use a primer foil first and then print over it with the top color which hides the patterned vinyl. Results are outstanding. Create your own ideas using various color choices.

\*Always make a test print and cut first before proceeding with the job.

### PLOTTER CUTTING

Always make a "test cut" before cutting, at least until you have become familiar with SignGold product properties. ALWAYS USE A SHARP BLADE. A 45 degree blade is recommended to help eliminate drag on the material as it is being cut. Cutting an upper case Helvetica "A" or "N" serves as a great test for blade sharpness. A standard angle blade used for cutting standard PVC vinyl is fine; no special blade is needed...cuts like butter.

SIGNGOLD THERMAL PRINT & CUT product cuts and weeds as good as or better than a quality high performance cast vinyl. Thermal print SignGold as you would any high performance material.

Never cut SignGold products too deep...Just enough pressure to kiss-cut the material so weeding is easy. Cutting too deep into the poly-liner can cause the adhesive to settle into the cuts thus causing difficulty in getting the SignGold to release from the liner.

Never allow SignGold to be rolled backwards (with the release liner to the outside). Try to keep the material flat as it goes through your cutter to minimize the possibility of tunneling. Always cut material at room temperature; do not cut material during cold temperatures below 50°F as premature release from the liner resulting in tunneling is possible.

### **SEE REVERSE SIDE**

## **WEEDING**

Weeding SignGold 22kt & 23.5kt is easier than weeding many high performance vinyls. It is recommended that you weed your job immediately after cutting. Do not leave weeding for the next day. Pre-mask and install the job as soon as possible.

## **APPLICATION**

SignGold 22kt & 23.5kt should be applied dry as the preferred method. However, a light spray of application fluid is okay. Never use application fluid with ammonia. Be sure to squeegee out all fluid under the 22kt & 23.5kt Gold film.

Use a "medium to high" tack application tape on letters or graphics taller than 8 inches; a "high" tack tape is recommended on letters or graphics shorter than 8". Using a translucent application tape with medium tack will make registration to your outline easier.

To insure good adhesion on vehicles, SignGold is best applied over high performance cast vinyl. On dark colored vehicles, high performance cast vinyl is highly suggested under SignGold film. If it is necessary to remove SignGold later, it comes off easier because the high performance cast material is underneath it.

**NEVER APPLY SIGNGOLD MATERIAL OVER WATER-BASED OR LATEX FINISHES.**

When applying SignGold to acrylic or polycarbonate sheets, remove substrate protective sheeting and allow surface to outgas at least 24 hours before applying any SignGold product.

Applying SignGold over wood or HDU (high-density urethane), the surface must be sealed using an oil-based or epoxy coating to restrict moisture exposure from behind the SignGold vinyl. We recommend West Systems Epoxy #105 Resin with the appropriate hardener.

## **SEALING & FINISHING**

SEALING AND FINISHING are extremely important steps to keep this authentic SignGold staying nice for years to come. Used inside or outside, SignGold must be edge sealed completely. \*Silver & Nickel must be protected extremely well around the edges in particular to keep out ANY moisture.

EDGE SEALING WITH ONE SHOT 4005 or 3M Edge Sealer 3950 keeps the SignGold 10 YEAR LIMITED WARRANTY VALID; edge seal using a traditional brush application to achieve best coverage and protection. Use a liberal coating to insure the SignGold vinyl edge is sealed to the vehicle background or vinyl if an outline is used.

Quick Clear Tedlar® Laminate is recommended to be used by overlapping edge 1/4" to act as an edge seal. Other laminates may be fine but test first. Note that some laminates are 5 year products and some 8-9 year products--Choose wisely for your expected durability requirements. Do not use calendered laminates with SignGold Products.

**Limited Warranty:** Quick Roll Leaf Mfg., Co. SignGold products are sold with the understanding that the buyer determines product adaptability for the intended use and test prior to actual use. Quick Roll Leaf Mfg., Co.'s obligation under this warranty is limited to the replacement of SignGold products solely, and will not be liable for any expense, damage, loss or consequential damages of any kind from use or inability to use SignGold products. THIS WARRANTY IS VOID IF THE PRODUCT HAS BEEN SUBJECTED TO ABUSE OR IMPROPER CARE.