



CourtWrap and CW Protect *Application Guidelines*

This information herein is based on our current knowledge and experience. It may not cover all factors relevant to each specific application, as professional skills and expertise in signage are assumed. Given the wide range of conditions that can impact application and use, we strongly recommend that customers conduct situational testing if they plan to use our products for specialized applications. This information does not constitute a legally binding warranty of specific qualities.

CourtWrap + CWProtect is an easily applied and cleanly removable print solution due to the proprietary adhesive, which has a high sheer strength, but remains highly removable over time. Installation is simple if you use the recommended tools and follow a few best practice guidelines.

BASIC ADVICE

Printing

Ensure the film reaches ambient temperature before printing to balance any temperature differences between storage and production areas.

Suitable Printing Methods

- UV curable
- Latex
- Offset (digital) and screen printing

Drying

1. Allow the printed film to dry flat and open for at least 24 hours, preferably 48 hours, for solvents to evaporate.
2. Follow the manufacturer's guidelines for drying latex prints.

Graphics and Location

CourtWrap + CWProtect when used for athletic floors should be made into smooth shapes with rounded corners and no cut out voids in the graphic panels. The graphic panels should be placed at traditional locations like the center court, off to the sides of the center court, and sidelines. They should not be individually located in the high traffic areas of the playing surface (such as the key and directly under the basket).

Laminating

CW Protect laminate is specially manufactured for the correct slip co-efficient matching that of a sports arena floor surface. It is a cold application laminate with a thick adhesive coating to prevent silvering even on UV prints. The quality of the laminator will have an impact on the result. The tension on the film and on the laminate must always be regular and identical. Almost all problems with lamination, such as lifting or tunneling, are due to faulty calibration of the laminator. We recommend light pressure and a slow lamination mode. After lamination, please allow 24 hours before applying onto the application surface.

Packaging and Transportation

To avoid tunneling after printing and related problems during application we recommend the following:

- Always wind roll with the printed side face out.
- Always wind graphics onto a core to keep them supported.
- Do not wind the roll too narrow. Always try to wind it with at least 3" minimum diameter at center.



APPLICATION

CourtWrap is suitable for smooth surfaces such as sports arena floors finished with polyurethane or like finishes. The finish on the floor must be completely cured. If it is suitable for sports play then it should be cured and suitable for graphic installation. If you can smell the finish out-gassing or you can press your fingernail into the surface, it is not fully cured. If the finish is old and worn or is not smooth and level, the bond of the **CourtWrap** adhesive will be compromised. **CourtWrap** is also suitable for many other smooth flat surfaces such as painted or polished metal, glass, smooth sealed concrete, counter tops, and sealed wood. Please test critical surfaces for suitability.

NOTE: NOT RECOMMENDED for high-content PVC surfaces, acrylic, untreated unpainted aluminum and raw copper as bonding can become permanent. No exhaustive list exists. Always test in an inconspicuous spot if there is any question about compatibility.

Cleaning the Application Surface

- Use only mild soap and water to clean the surface. Two drops of dish soap like Dawn or Joy in one gallon of water makes a good cleaning solution.
- Rinse thoroughly with water only.
- Do not use solvent-based cleansers under any circumstances.
- The surface must be completely free of grease and dust.
- Dry surface with lint free cloths or other particle-free material.

Temperature

- The application temperature must be between +50°F and +86°F (+10°C and +30°C). These values relate to the ambient temperature as well as to the temperature on the application surface itself.
- For best results, acclimatize **CourtWrap** by rolling out flat at the same application temperature for a few hours before beginning the application process.
- After application, please wait for at least 12 hours and up to 24 hours before resuming sports play on the surface.

Application Steps

1. **CourtWrap** can be applied wet or dry. Small pieces are easily installed dry while larger pieces over 4 square feet can be installed wet to aid in bubble removal and better seal against the application surface.
2. Peel back approximately 8-12" of the backer, exposing the adhesive (*if using wet method wet application surface now*). Consider a chalk line or other method to ensure your graphic will be installed and positioned correctly.
3. Carefully position **CourtWrap** so that it is properly aligned, then press exposed edge in place using light pressure. Do not get the back of the paper liner wet prior to removing, if installing wet method.
4. Using your hand or a soft plastic squeegee, lightly press the film in place.
5. Working from the top of the graphic to the bottom, continue by peeling away more of the liner and applying light pressure to the film, working from the center of the graphic to the edges. Continue in this manner until the liner is completely removed and the graphic is in place.
6. Using a soft squeegee from center to all edges carefully push out excess air bubbles or water if wet application.



7. Finally, squeegee the film with firmer pressure from the center and work outward in all directions to the edges. A laminate floor roller, available at Home Depot or Lowes, can aid in removal of water on large panels and reduce drying time.
8. Be sure to squeegee the edges firmly and wait 24-48 hours to ensure full adhesive cure before resuming play.

The skill and expertise of the installer will be crucial in achieving the best possible outcome.

AFTER CARE

Cleaning

- Do not use a floor scrubber and/or chemical cleaners within 18" – 24" of the graphic.
- Hand clean with a drop of Dawn and water or water only on and around the graphic.
- Be sure to dry edges thoroughly.

Reusing CourtWrap

- Depending on the size of the graphic, CourtWrap may be removed and reused. The number of uses is highly dependent on how the adhesive is protected between uses and how clean the surface is to which CourtWrap is applied each time.
- For best protection between uses, do not allow the material to come in contact with lint, dust, or other contaminants. Back the material with a siliconized paper backer or other suitable material larger than the graphic itself.
- Store rolled face out on a 3" or greater-sized tube. For long-term storage, seal in a plastic bag.

REMOVAL

While **CourtWrap** adhesive is engineered to remove without residue after long-term use, please consider the following for best results.

1. Removal is recommended in temperatures between +50°F and +86°F (+10°C and +30°C). This applies to the ambient temperature, as well as the surface temperature.
2. Lift a corner of the material and pull slowly at an angle of approximately 45° to 75°.
3. If the adhesive side of **CourtWrap** becomes dirty, it can be rinsed with warm water and the surface lightly brushed by hand to restore adhesion.

NOTE: As with any adhesive-backed product that is reused, the better preserved the adhesive, the more times the material may re-adhered and enjoyed.

Thank you for choosing to use CourtWrap and CW Protect from Continental Grafix USA! Visit www.cgxusa.com for more information regarding warranty and technical support.