



CourtWrap and CW Protect *Application Guidelines*

Information is based on our knowledge and experience. Not all aspects which should be considered for application will be explained. Specialized and occupational knowledge and competence of a professional sign maker are presupposed. Due to the diversity of influencing factors during application and use, we strongly recommend situational tests of our products by customers who wish to use the material for special applications. No legal binding warranty of certain qualities can be derived from our information.

CourtWrap is an easy to apply and cleanly removable print solution because the proprietary adhesive has a strong bond, but remains highly removable over time. Installation is simple if you use the recommended tools and follow a few basic rules. If used with matched-component **CW Protect** laminate and by following these instructions you will enjoy using these products from Continental Grafix. Please consider the recommendations of this instruction guide carefully.

BASIC INFORMATION

INK DRYING:

CourtWrap can be printed with solvent, eco-solvent, UV curable and latex inks. It is essential that the inks are completely dry before **CW Protect** laminate is applied. We recommend a degassing time of 24 to 48 hours according to the inks used, during which time the prints should lay flat. If the printed film is rolled a correct degassing is not possible.

GRAPHICS and LOCATION:

CourtWrap when used for athletic floors should be made into smooth shapes with rounded corners and no cut out removed voids in the graphic panels. The graphic panels should be placed at traditional locations like center court, off to the sides of center court, and areas around and outside the playing area. They should not be individually located in the high traffic areas of the playing surface.

LAMINATION:

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 perforated film and on the laminate must always be regular and identical. Almost all problems with lamination, such as lifting or tunneling, are due faulty calibration of the laminator. We recommend a light pressure and a slow lamination mode. After lamination, please allow 24 hours before applying onto the application surface.

PACKAGING AND TRANSPORTATION AFTER PRINTING AND LAMINATING:

In order to avoid tunneling after printing and related problems during application we recommend the following procedure:

- Always wind roll with printed side outside.
- 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 SURFACE:

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 finger nail into the surface, it is not fully cured. If the sports court finish is old and worn or is not smooth and level, the bond of the **CourtWrap** adhesive will be weakened. **CourtWrap** is also suitable for many other smooth flat surfaces such as painted metal, polished metal, glass, tile, sealed concrete, counters, counter tops, kiosk and sealed wood. No exhaustive list exists. Please test critical surfaces for suitability. Do Not use on PVC surfaces as bond can become permanent.

CLEANING:

Application surface must be clean. Use only mild soap and water to clean surface. Two drops of dish soap like Dawn or Joy in one gallon of water makes a good cleaning solution. Do not use solvent based cleansers under any circumstances. The surface must be completely free of grease and dust. After cleaning the surface needs to be dry. In order to dry the surface either use lint free cloths or other material without any particles on it.

APPLICATION and 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 temperature on the application surface itself. To achieve an optimum tack on the subsurface, we recommend acclimatizing **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.

METHOD OF APPLICATION

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. The same mild soap and water solution used for cleaning can be used for wet application.

APPLICATION:

1. Lift the upper edge of the liner and fold back approximate 8-12" down one edge depending on the size of the graphics. *(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.
2. 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.
3. Using your hand or a soft plastic squeegee, lightly press the film in place.
4. 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. Continue in this manner until the liner is completely removed and the graphic is in place.
5. Using soft squeegee from center to all edges carefully push out excess air bubbles or water if wet application.
6. 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.



7. Be sure to squeegee the edges firmly and observe the wait times before resuming play. Note: Wet application method can increase wait times needed prior to resuming play. Remove as much water as possible during installation to minimize wait times.

****THE EXPERIENCE AND THE DEXTERITY OF THE INSTALLER WILL BE DECISIVE FOR THE BEST END RESULT**.**

REMOVAL

Removing **CourtWrap**, if install properly on approved or tested surfaces, should not be a difficult task. 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 application surface temperature.

Lift a corner of the material and pull slowly at an angle of approximately 45° to 75°. At an angle over 90° the adhesive is more likely to leave residue on the substrate. The temperature, along with angle and speed at which you remove the vinyl can either cause or not allow adhesive residue or damage to occur to the application surface.

If the adhesive side of **CourtWrap** becomes dirty it can be rinsed clean with warm water restore adhesion.

Thank you for choosing to use **CourtWrap** and **CW Protect** from Continental Grafix USA! Please refer to our website at www.cgxusa.com for additional information regarding warranty and technical support.