

COURTWRAP™ & 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 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.

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, this prevents the film from properly degassing.

GRAPHICS & 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 such as the centre court, off to the sides of centre court, as well as the 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 affect the end result. The tension on the perforated film and on the laminate must always be regular and identical. Almost all problems associated with lamination, such as lifting or tunneling, are due to faulty calibration of the laminator. We recommend applying light pressure and a slow lamination mode. After lamination, please wait 24 hours before applying onto the application surface.

PACKAGING & TRANSPORTATION AFTER PRINTING & LAMINATING

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

- Always wind roll with the printed side on the outside.
- Always wind graphics into a core to keep them supported.
- Do not wind the roll too tight. Always try to wind it with a minimum 3" diameter at the centre.

APPLICATION SURFACES

CourtWrap is suitable for smooth surfaces, such as sports arena floors finished with polyurethane or similar finishes. The finish on the floor must be completely cured. If it is used for sports play, then it should be cured and suitable for graphic installation. If you can smell the finish out-gassing, or if you can press your fingernail into the surface, it has 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 the bond can become permanent.

CLEAN THE APPLICATION SURFACE

The application surface must be clean. Use only mild soap and water to clean the surface. Add two drops of dish soap such as Dawn or Joy in one gallon of water. This 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, it needs to be dry. To dry the surface, use a lint-free cloth.

APPLICATION & TEMPERATURE

The application temperature must be between +10°C and +30°C (+50°F and +86°F). These values relate to the ambient temperature, as well as the temperature on the application surface itself. To achieve an optimum tack on the subsurface, we recommend acclimatizing CourtWrap by rolling it out flat at the same application temperature for a few hours before starting the application process. After the application, please wait for at least 12 hours and up to 24 hours before resuming sports play on the surface.

APPLICATION

CourtWrap can be applied wet or dry. Small pieces are easily installed using the dry method, while larger pieces over 4 square feet can be wet installed to aid in bubble removal and to form a better seal against the application surface. The same mild soap and water solution used for cleaning can be used for wet application.

1. Lift the upper edge of the liner and fold it back approximately 8-12" down one edge depending on the size of the graphics. (If using the wet method, wet apply the surface now). Consider using 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 the exposed edge in place using light pressure. Do not get the back of the paper liner wet prior to removal.
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 this process until the liner is completely removed and the graphic is in place.
5. Using a soft squeegee from the centre to all edges, carefully push out excess air bubbles or water if it is a wet application.
6. Finally, squeegee the film with firmer pressure from the centre 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 drying times before resuming play. Note: The wet application method can increase wait times needed prior to resuming play. Remove as much water as possible during the installation to minimize drying times.

THE EXPERIENCE AND THE DEXTERITY OF THE INSTALLER WILL DETERMINE THE END RESULT.

CLEANING & MAINTENENCE

Clean the surface with a soft-bristled brush and gentle cleanser such as Dawn dish soap if needed and dry thoroughly. Do not use chemical cleaners, especially ammonia-based cleaners, as they could interfere with the adhesive.

CourtWrap can be reused 20+ times or more, depending on how clean the adhesive is kept. Between uses, it's best to store it on either a siliconized paper backer or the original backer. Store it in a closed plastic bag in a temperature controlled environment to further protect the adhesive.

REMOVAL

Removing CourtWrap, if installed properly on approved or tested surfaces should not be a difficult task. Removal is recommended in temperatures between +10°C and +30°C (+50°F and +86°F). 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 to restore adhesion.