

Application panoRama X-treme

panoRama X-treme is a self-adhesive vinyl film. It was especially developed for outdoor applications in heat or cold, but can also be used for indoor applications. The transparent special adhesive has an enormous temperature resistance and makes it possible to apply the film in heat as well as in extreme cold without any problems.

The adhesive of the film is designed to meet the high requirements and load capacities on difficult, demanding, porous, rough and low energy surfaces in the long term, even the well-known **fixed body trailers** do not present any problems for the panoRama X-treme. If you now follow the below processing instructions, you and your customers will have a lot of fun with the product.

Print

The material panoRama X-treme is a so called "all in" product and can be used for many surfaces, see application. Please make sure that the printing film has taken over the ambient temperature before printing. Often there are temperature differences between storage and production rooms, which have to be compensated on the product first. For very good printing results, set the print setting to «Vinyl film polymer» or «Cast».

Printing method

Solvent, eco-solvent, UV-curable inks, offset and screen printing.
Latex printing at a temperature of 90 - 95 °C

Drying time

After printing, store the panoRama X-treme printing film so that the print can dry best and any solvents can evaporate. If stored flat and open, the print must dry for at least 24 hours, otherwise 48 hours. After that the product is ready for the lamination process. Latex prints here have a general processing guideline for drying for foils, which is given by the manufacturer HP.

Laminating

When inserting the printing film and laminate, make absolutely sure that no tension is created and that the tensile stress is identical for both materials. This prevents the material from "tunneling" or "rolling up" and makes the application much easier. Smaller motifs can also be laminated without a laminator. However, this poses high challenges for the user and is therefore only recommended for experienced user. When subsequently "cutting" the motif to size, we recommend that you avoid sharp corners and round them off.

Attaching

panoRama X-treme has been specially developed for an almost unlimited range of surfaces. The special adhesive adapts very well to the conditions. The film can be applied from **- 15 °C to + 50 °C** without any problems. There is a special feature in the processing of fixed body trailers, here the surface temperature should **be at least 10°C** during bonding. It is important to press the edges and borders correctly and neatly so that the film clings to the surface and no water can penetrate any open areas. Furthermore, we recommend sealing the edges of excessively roughened surfaces, especially with exposed motifs, so that you can be sure that no water can penetrate into the open pores afterwards. The surface to which the film is to be applied must be well cleaned and above all free of grease and dust. Depending on your preference, the film can be applied wet or dry. If you apply the film **wet**, make sure the outside temperature is above +16°C (+60°F) and that you have "rolled out" all the water under the film with a roller.

Disassembly

The specially developed adhesive of the panoRama X-treme can be removed on almost all surfaces without leaving any residue and without any critical problems. It is important to observe the removal temperature of +10°C to + 30°C. Pull off the film evenly at a flat angle and remove it slowly with care. This is the fastest way to remove it. If possible, two people should slowly carry out the removal process.

If you now follow all these instructions, nothing will stand in the way of your successful campaign. If you have specific questions, please contact your Continental Grafix employee or write to info@continentalgrafix.com. Have fun!