Graphic Package Installation Instructions

PLEASE READ COMPLETELY THROUGH BEFORE APPLYING THE GRAPHIC KIT

TIP # ONE: IF ONE OF YOUR DECALS GETS STUCK TO ITSELF, GENTLY PEEL THE SIDES APART. THE HIGH PERFORMANCE VINYL IS VERY FORGIVING.

Step ONE: CLEAN THE MOTORCYCLE’S SURFACE BEFORE APPLYING THE GRAPHICS

You will need to remove all wax, grease, or residue from the application areas using wax and grease remover followed by isopropyl alcohol. Any wax or grease left on application surface will greatly affect how well the graphics adhere to the surface.

Step TWO: PREPARE THE MOTORCYCLE’S SURFACE

Make sure all surfaces of the application areas are dry and cool to the touch. Leaving the motorcycle parked inside or in a shaded area is recommended. If the surfaces are hot, the vinyl has a tendency to warp and stretch making installation difficult and could cause the graphics to be ruined. Once installed, surface temperature will not affect the graphics.

Step THREE: UNROLL THE GRAPHICS AND PLACE ON A FLAT SURFACE ALSO, MAKE SURE THE AREA THAT YOU ARE GOING TO INSTALL THE GRAPHICS IN HAS ENOUGH ROOM TO WORK

Once you are ready to install the graphics, it is recommended that you unroll and lay the kit out onto a flat surface, and situate the motorcycle where you have plenty of working area on both sides.

Step FOUR: START WITH THE RIGHT SIDE OF THE BIKE AND INSTALL THE SIDE FAIRING GRAPHIC (Piece #1)

Beginning with the large side fairing graphic (1), slowly peel the graphic from the backing, making sure as you peel, all corners lift off the backing sheet as not to damage the kit. Begin by installing the rear bottom corner of the kit, aligning it with the edge of the fairing and overlapping the factory stripe by approximately 1/8th of an inch. Lightly place the graphic down the rest of the fairing, following the same overlap making sure the graphic covers the factory graphics. Once satisfied with the graphic placement, begin to squeegee the graphic down starting in the middle working all air from underneath the graphic outward. Make sure that you apply even pressure and that all corners are securely down.

TIP # 2: THE SQUEEGEE WILL BE MORE EFFECTIVE IF YOU PLACE A SHOP CLOTH AROUND THE SQUEEGEE AND WET THE EDGE WITH WATER. (Squeegee included in box)
Step FIVE: INSTALL THE TANK GRAPHIC (Piece #2)

Next, remove the tank graphic (2) from the backing following the same procedure as the first piece. This graphic will be placed over the factory stripe, but the rear will extend several inches beyond the factory stripe. Beginning with the rear point of the graphic, lightly place the graphic with approximately the same overlap as the first piece, over the factory stripe. As before, once satisfied with placement, squeegee the graphic down, from the center outward.

Step SIX: INSTALL THE SADDLE BAG STRIPE (Piece #3)

It is recommended to do the saddle bag piece next. Remove the saddle back stripe (3) from the backing and install the back point approximately touching the factory stripes rear point, but this piece should angle upward and the front top of the stripe should barely touch the bottom curve of the factory bodyline of the saddle bag with the front edge ending right before the corner of the bag. Having this stripe in place first will give you a better alignment reference for the side cover stripe under the seat.

Step SEVEN: INSTALL THE SIDE COVER STRIPE (Piece #4)

Once the saddle bag graphic is installed, remove the side cover stripe (4) from the backing and align the stripe following the graphic lines of the saddle bag graphic and place the back edge of piece to the back curve of the side cover.

Step EIGHT: REPEAT STEPS 1-7 ON THE LEFT SIDE OF THE BIKE. (This side will use pieces 5-8)

TIP # 3: WHEN INSTALLING THE CMA LOGO, GENTLY LIFT THE EDGES AND THEN PEEL THE DECAL OFF OF THE PAPER, INSURING NO TORN EDGES.

Step NINE: INSTALL THE CMA LOGO AND WEBSITE

Once the side cover stripe graphic is installed, you can then decide placement for the website graphic and the CMA logo. As per the illustration, we recommend the web address to be placed on the top bodyline of the saddle bag, and the logo installed on the top rear corner. However these can be placed wherever it visually appeals to the owner.
Step TEN: **INSTALL THE FRONT FAIRING DECAL (Piece #9)**

Moving to the front of the motorcycle. Remove the front fairing graphic from the backing (9) and center the graphic in the area above the headlight. Once satisfied with placement, squeegee the graphic down, again beginning from the middle working your way outward making sure all edges and corners are securely down.

Step ELEVEN: **INSTALL THE FRONT FENDER DECAL (Piece #10)**

Next remove the front fender graphic (10) from the backing. This piece will cover the factory stripe. Center the graphic over the factory stripe and align the front edge with the front edge of the factory graphic. Make sure the entire stripe is covered and centered. Once satisfied with placement, squeegee the graphic down.

**Graphic Care Instructions:**

It is never recommended to use a high pressure washer to clean the graphic areas. If you use a pressure washer make sure you keep the wand at least 4 feet away from the applied graphics.

When drying your motorcycle, use a chamois or drying cloth, and wipe the graphics going with the flow of the graphic, and never wipe in the opposite direction, against the points of the graphic, this may cause the graphic to lift.
**ORAJET® Series 3551RA High Performance Calendered**  
**Digital Media With RapidAir® Technology**

**Description**
2.75-mil, high performance calendered PVC film in white with a gloss surface and RapidAir® adhesive to facilitate smooth application

**Release Paper**
90# PE-coated silicone paper

**Adhesive**
Grey, solvent-based, repositionable permanent adhesive (can be removed with heat, leaving little or no adhesive residue, for up to four years)

**Applications**
For general signage, vehicle graphics requiring limited conformability and other medium- to long-term outdoor applications. Solvent based, eco-solvent, UV and latex print compatible.

**Technical Data**

<table>
<thead>
<tr>
<th><strong>Thickness</strong> (without protective paper and adhesive)</th>
<th>2.75 mil</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensional Stability</strong> <em>(FINAT TM-14)</em></td>
<td>Adhered to steel, no shrinkage in cross direction; In length, &lt; 0.008”</td>
</tr>
<tr>
<td><strong>Temperature Resistance</strong></td>
<td>Adhered to aluminum, -58°F to +194°F, no variation</td>
</tr>
<tr>
<td><strong>Fire Behavior</strong> <em>(DIN 75200)</em></td>
<td>Adhered to steel, self-extinguishing</td>
</tr>
<tr>
<td><strong>Fire Rating</strong> <em>(ASTM E 84-07)</em></td>
<td>Class “A”</td>
</tr>
<tr>
<td><strong>Adhesive Power</strong> <em>(FINAT TM-1, after 24 h, average)</em></td>
<td>Adhered to stainless steel: 4.1 lb/in</td>
</tr>
<tr>
<td><strong>Tensile Strength</strong> <em>(DIN EN ISO 527)</em></td>
<td></td>
</tr>
<tr>
<td>Along</td>
<td>Min. 19 MPa</td>
</tr>
<tr>
<td>Across</td>
<td>Min. 19 MPa</td>
</tr>
<tr>
<td><strong>Elongation at Break</strong> <em>(DIN EN ISO 527)</em></td>
<td></td>
</tr>
<tr>
<td>Along</td>
<td>Min. 130%</td>
</tr>
<tr>
<td>Across</td>
<td>Min. 150%</td>
</tr>
<tr>
<td><strong>Seawaterability</strong> <em>(DIN 50 021)</em></td>
<td>Adhered to aluminum, after 100h/73°F, no variation</td>
</tr>
<tr>
<td><strong>Shelf Life</strong> <em>(68°F/50% relative humidity)</em></td>
<td>2 years</td>
</tr>
<tr>
<td><strong>Minimum Application Temperature</strong></td>
<td>46°F</td>
</tr>
<tr>
<td><strong>Available Lengths</strong></td>
<td>150’ (50-yard)</td>
</tr>
<tr>
<td><strong>Available Widths</strong> <em>(inches)</em></td>
<td>30, 50, 54, 60</td>
</tr>
<tr>
<td><strong>Minimum Life Expectancy</strong> <em>(based on accepted application procedures on vertical surfaces)</em></td>
<td>7 years (Unprinted)</td>
</tr>
</tbody>
</table>

**Recommended Laminates**
ORAGUARD® Series 215, 240, 290, 290F, 293, 297F

Oracal recommends that printed film is allowed to dry for at least 24 hours at 70°F (48-72 preferred) before applying a laminate.

**Attention**
Recycling Recommendation: Waste class similar to household waste, is to be recycled according to the local regulations.

Surfaces to which the material will be applied must be cleaned thoroughly of dust, grease or any contaminants. Freshly lacquered or painted surfaces should be allowed to stand for at least three weeks after complete curing. The compatibility of selected lacquers and paints should be tested by the end-user prior to use.

The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and is given without any guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications, customers should independently determine the suitability of this material for their specific purpose, prior to use.

**For instant access to more information click on the links below**

**Profiles**
http://www.oracal.com/knowledge/icc-profiles.asp

**Tech Support**
http://www.oracal.com/knowledge/contact-support.asp

**Find a Distributor**
http://www.oracal.com/distributors/

**General Warranty**
http://www.oracal.com/_userfiles/File/GeneralWarranty.pdf

Revised 12/11
Product Technical Bulletin

ORAJET® Series 3551RA Inkjet Media with RapidAir™ Technology
Release 1, Effective July 2006

Description
ORAJET® Series 3551RA Inkjet Media with RapidAir™ technology is intended for medium-term to long-term use over flat surfaces, simple corrugations or rivets. This 2.75-mil, 7-year media features a smooth, ultra-glossy surface to produce vivid, life-like prints and a repositionable, solvent-based adhesive that can be removed with little or no adhesive residue for up to four years.

Product Data
Construction
This information is subject to change. Please ensure you are referencing the most recent Product Bulletin.

- **Face Film** – 2.75-mil smooth, ultra-glossy high performance vinyl film
- **Adhesive** – Grey, solvent-based, repositionable, permanent, pressure-sensitive adhesive with four-year removability with little or no adhesive residue
- **Liner** – 80-lb., PE-coated silicone paper

Physical Properties
The information stated below is based on testing results and intended solely as an information source. These values are given without guarantee and no warranty is implied or expressed. ORACAL recommends the purchaser conduct independent tests prior to use in order to determine suitability for the intended application.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outdoor Durability</td>
<td>7 years¹</td>
</tr>
<tr>
<td>Application Surface Contours</td>
<td>Flat surfaces, simple corrugations, rivets</td>
</tr>
<tr>
<td>Minimum Surface/Air Application Temperature</td>
<td>+46° F</td>
</tr>
<tr>
<td>Temperature Resistance</td>
<td>Adhered to aluminum, -58° F to +194° F no variation</td>
</tr>
<tr>
<td>Resistance to Solvents and Chemicals</td>
<td>At room temperature, 72h after adhesion to aluminum, short-term resistant to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>2 years (68°F/50% relative humidity)</td>
</tr>
<tr>
<td>Adhesive Power</td>
<td>(FINAT-TM 1, after 24h average) min. 4.1 lb/in²</td>
</tr>
</tbody>
</table>
Tensile Strength (along)  (DIN EN ISO 527) min.19 MPa
Tensile Strength (across)  (DIN EN ISO 527) min.19 MPa
Elongation at Break (along)  (DIN EN ISO 527) min. 130%
Elongation at Break (across)  (DIN EN ISO 527) min. 150%
Dimensional Stability  (FINAT-TM 14) adhered to steel, no shrinkage in cross direction, in length <.008”

1 Applies to graphics created using unprinted, un laminated film with no UV inhibitors and installed with vertical exposure within 10°. In certain climates, some color fade will occur.

Compatible Substrates
- Acrylic
- Aluminum
- Glass (uncoated)
- Painted metal
- Polycarbonate
- Rigid vinyl
- PETG
- Smooth, non-porous, painted surfaces

2 Refer to manufacturer’s suggestions on the processing and handling of this material. Ensure that the graphics are applied to the proper side of the material.

Compatible Products
ORAJET® Series 3551RA Inkjet Media is compatible with most of today’s popular solvent, eco-solvent and UV curable printers.

Printing and Fabrication

Color Profiles
ORACAL USA has developed a proprietary Advanced Color Management program to provide exceptional technical support for all of our ORAJET® inkjet media, including Series 3551RA. For optimal printing results, it is imperative that your printer is calibrated using RIP software and the appropriate color profile. Color profiles can be downloaded from www.oracal.com. For additional color management support, please call ORACAL USA’s Technical Support team at 1-800-ORACAL-1 (672-2251).

Ink Drying
Allow printed film to dry flat for at least 24 hours at 70˚F before applying a laminate or cutting, trimming, mounting or applying the graphic.

Laminating
To provide UV protection and extend the life of the ink for up to four years, ORACAL recommends laminating all digital prints. Series 3551RA is compatible with ORAGUARD® Series 215 (flat surfaces only) or Series 290 laminates.
Application Methods

ORAJET® Series 3551RA is suitable for dry application only.

Preparing the Surface

When using materials that tend to outgas, such as polycarbonate or polystyrene products, we recommend the following steps:

1. Clean the surface, mount a piece of film to it, and store at 140° F for 24 hours.
2. If bubbles form after 24 hours, outgassing is still occurring. Either treat the plastic with a heat source or store it for an extended period at room temperature conditions in order to cure the substrate prior to application of the vinyl.

The high-quality special adhesives used on ORACAL pressure-sensitive films create an excellent bond with most clean, smooth, weather-resistant surfaces that are free of grease, dust or any contaminants. For a long-lasting bond, the target surfaces must be properly prepared. Be sure to check the directions provided by the manufacturer of the substrate you are using to determine the recommended cleaning method for that surface. Gas bubbles may form between the film and the surface if any solvent residue remains as a result of improper cleaning or if paint on the surface is too fresh. Freshly lacquered or painted surfaces should be allowed to stand for at least three weeks after complete curing before adhering the film. The compatibility of selected lacquers and paints should be tested by the end-user prior to use.

Application Temperatures

ORACAL films should never be adhered at temperatures below 46° F. Newly fabricated sign faces should remain in the application environment for at least 24 hours to promote uniform adhesion characteristics and allow any residual moisture to evaporate. A significant drop in temperature should be avoided during the first 24 hours after adhesion.

Removing the Release Liner

Lay the cut film on a flat surface with the film side down. Pull back only as much release liner as required to begin mounting. Always draw the release liner from the film, never the other way around.

Dry Application

For dry adhesion, use a low-tack application tape.

1. Arrange the film on the surface to which it is to be adhered and pull down approximately six to eight inches of release liner. Be sure to keep the liner intact, but draped behind the graphic to keep adhesive off of the substrate until the instance of application (Diagram 1).
2. Apply the film in firm, overlapping strokes; be sure to establish a smooth baseline across the entire graphic.
3. Continue with overlapping strokes until the entire graphic

Diagram 1
4. When using ORATAPE masking tape, pull slowly away from the film at a 180° angle. If needed, the top of the masking tape can be lightly sprayed with water to allow for easier release from the graphic.

**Removal of Air Bubbles**

ORAJET® Series 3551RA features an advanced air-release liner specially designed to facilitate smooth application of the material. In the event that you do need to remove air bubbles from your installed graphic, this can easily be done by applying pressure with your thumb to the center of the bubble and rubbing out toward the edge of the material. The air will then disperse along the air egress channels. There is no need to make air release holes unless the bubble is larger than 1" in diameter, in which case you should use an air release tool to remove the air using conventional techniques.

**Application over Rivets**

Tenting around rivets is best handled in the following way:

1. Using a soft squeegee, apply the graphic over rivets as if it were a flat panel, leaving an air pocket around the rivet head.
2. Using the squeegee or your thumb, press the film towards the rivet head to make the air pocket as small as possible.
3. Using an air release tool, make several small holes around the rivet head to release the air, and then press the film even closer around the rivet.
4. Using a rivet brush and heat gun, first apply heat, and then work the rivet brush in a gentle circular brushing motion around the outer edge of the rivet. Continue brushing as you narrow the circle to the area immediately over the rivet.
5. Finally, heat the rivet again with a heat gun to set the film, and then finish the rivet by applying gentle pressure with the rivet brush once more.

**Application Tips**

- Seams can be made using the overlap method. It is recommended that overlaps and seams measure no more than 1/8".
- Puncture air bubbles with an air release tool. Do not use a knife or razor.
- If using application tape, always remove it at a 180° angle and immediately re-squeegee the film.
- Apply heat to all seams, then re-squeegee.
- Rivets should be treated as a flat panel during installation. Puncture with an air-release tool, apply heat and finish with a rivet brush.
- Cutbacks should be performed soon after application as adhesion builds with time.

**ORALIFE Component System Warranty**

The ORALIFE Component System (OCS) warranty from ORACAL USA includes specially matched media and laminates to fit almost any graphic application where a pressure-sensitive adhesive is needed. Combined with your approved wide-format inkjet printer and corresponding OEM ink sets, the OCS warranty can help you achieve an
unrivaled level of performance and guaranteed reliability for your outdoor digital prints. For more information, visit [www.oracal.com](http://www.oracal.com) or contact us at 1-800-ORACAL-1 (672-2251).

**General Warranty**

ORACAL USA warrants its pressure-sensitive vinyl films to be free of defects in materials and manufacture, and to perform as stated in published product technical information bulletins if properly stored and applied. ORACAL USA will, at its discretion, either replace defective material or refund the purchase price of any ORACAL®, ORAJET®, ORAGUARD®, ORALITE® or ORAMASK® materials that do not meet this warranty within the specified effective performance life. The customer assumes responsibility in determining product suitability for intended use. ORACAL USA shall not be liable for any direct, indirect or consequential damages arising from the use or inability to use the product. This warranty is declared in lieu of any other claim, whether expressed or implied, and is not subject to interpretation.

If you are in extreme climate zones (Southwestern United States, desert, tropics, etc.), South America, Latin America or the Caribbean, contact ORACAL USA for specific warranty information for your area.

**Shipping, Storage, Shelf Life**

- Film must be stored at 68° F/50% relative humidity.
- For optimal product quality and performance, film must be stored in a dry, clean area, out of direct sunlight.
- Shelf life of ORACAL® Series 3551RA must not exceed two years from the date it is received from ORACAL USA

**Contact Us**

ORACAL USA
7251 Salisbury Road
Jacksonville, FL 32256 USA
Toll Free 800.672.2251
904.726.9597 • FAX 904.726.9409
[www.oracal.com](http://www.oracal.com) • ORACAL USA 2006
Practical Information
Care and Maintenance of Vinyl Vehicle Graphics

The Do’s and Don’ts of cleaning applied vinyl vehicle graphics

The Do’s

• Wash applied vinyl graphics with a blend of mild car wash detergent and clean water.
• Test any cleaning solution on a small section of the vinyl graphic before using.
• Always read the warning labels on car care products for proper safety instructions.
• Once you’ve washed the vehicle with a soapy water blend, rinse with clean water.
• Either let the vehicle air dry or dry off with a microfiber cloth.

The Don’ts

• Do not allow fuels to stay in contact with the vinyl for extended periods of time. Clean all spills as soon as possible.
• Do not apply carnauba-based wax over vinyl graphics.
• Do not use mechanical brush washing. Brushes can cause vinyl graphics to chip or peel around the edges or scratch the surface. They can also cause the graphic to fade, and dull the appearance of the over laminate.

Concerns about pressure washing vinyl vehicle graphics

Pressure washing should only be used when all other cleaning methods have been exhausted. Keep the following in mind while performing this type of cleaning…

• Pressure washing can cause the vinyl graphics to lift around the edges and peel away from the vehicle. (For Example See Diagram 1b.)
• Over time, pressure washing can degrade the face film causing the graphic to lose its luster, fade, crack and even chip away from the substrate.

Please consider the following to help prolong the life of the applied vehicle graphic when choosing to pressure wash. (Based on vertical application)(For Example See Diagram 1.a)

• Water Temperature…72°F +/- 5°F
• Spray nozzle opening…40° wide pattern.
• Spray angle…45°
• Angle of graphic…90° (vertical)
• Distance from graphic…15”
• Water pressure…<= 800 PSI
• Length of time…30 sec.

Use extreme care when aiming the water spray toward the edge of the vinyl graphic. Sharp spray angles can cause vinyl graphic to lift from vehicle.

Absolutely under no circumstances should a turbo pressure nozzle be used when pressure washing applied vehicle graphics.

How to remove difficult pollutants or debris from applied vehicle graphics

When normal cleaning procedures don’t work to remove difficult debris from your applied vehicle graphics, try the following.

• Spot clean the area with Isopropyl Alcohol and a microfiber rag.
• Moist a rag with a citrus based cleaner and naphtha and wipe down the problem areas. Immediately after using the citrus cleaner and naphtha rinse the area with water and soap.

If these cleaning methods do not work on problem areas please contact Oracal Product Technical Support for more helpful tips and information.

How to properly hand wash vinyl vehicle graphics

Supplies Needed:

• Garden hose with standard spray nozzle attachment
• Clean bucket
• Mild car wash detergent
• Soft cotton or microfiber sponge
• Dry microfiber clothes

1. Rinse the graphic with water to wash away any loose sediments, dust, or dirt using your garden hose with spray nozzle attachment.
Practical Information
Care and Maintenance of Vinyl Vehicle Graphics

2. Mix together water and mild car wash detergent into your bucket. *(Make sure the bucket is free of dirt and small rocks as these will scratch your car and or vinyl graphics.)*

3. Soak your sponge with the water and soap mixture.

4. Clean the graphic starting from the top working down to the bottom. This will allow the dirty contaminated water to run downward.

5. Rinse the graphic with clean water using the hose with spray nozzle attachment.

6. Once the graphic is rinsed off with water allow it to air dry. You may also use a microfiber cloth to dry down the graphic.

7. Once dry, for added protection, you may apply a silicone or Teflon based polish designed for vinyl vehicle graphics. *(Read and follow product manufactures directions and suggestions for frequency.)*

General Information
This information is based on our knowledge and experience. We have not explained all aspects of application. Specialized or occupational knowledge and competence of a professional sign maker are presupposed. Due to the diversity of potential influencing factors during application and use, we recommend customers make their own tests of our when the films will be used for special applications. No legally binding warranty of certain qualities can be derived from our information.

Oracal USA, INC 1100 Oracal Parkway, Black Creek, GA 31309.
**ORAGUARD® Series 290F Optically Clear Premium Cast PVC Laminating Film**

**Description**
2-mil, premium optically clear cast PVC film with a UV extension factor of four years. Available in gloss finish.

**Release Liner**
1.6-mil silicone-coated polyester film

**Adhesive**
Clear, solvent-based, permanent adhesive

**Applications**
A cold laminate for protection of long-term indoor and outdoor digital print applications.

**Technical Data**

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thickness</strong></td>
<td>2 mil</td>
</tr>
<tr>
<td><strong>Temperature Resistance</strong></td>
<td>Adhered to aluminum, -58°F to +230°F, no variation</td>
</tr>
<tr>
<td><strong>Fire Behavior</strong> (DIN 75200)</td>
<td>Adhered to steel, self-extinguishing</td>
</tr>
<tr>
<td><strong>Fire Rating</strong></td>
<td>ASTM E 84-07 Class “A”</td>
</tr>
<tr>
<td><strong>Adhesive Power</strong> (FINAT TM-1, after 24 h, average)</td>
<td>Adhered to stainless steel: 2.74 lb/in</td>
</tr>
<tr>
<td><strong>Tensile Strength</strong> (DIN EN ISO 527)</td>
<td></td>
</tr>
<tr>
<td>Along</td>
<td>Min. 19 MPa</td>
</tr>
<tr>
<td>Across</td>
<td>Min. 19 MPa</td>
</tr>
<tr>
<td><strong>Elongation at Break</strong> (DIN EN ISO 527)</td>
<td></td>
</tr>
<tr>
<td>Along</td>
<td>Min. 120%</td>
</tr>
<tr>
<td>Across</td>
<td>Min. 120%</td>
</tr>
<tr>
<td><strong>Seawaterability</strong> (DIN 50 021)</td>
<td>Adhered to aluminum, after 100h/73°F, no variation</td>
</tr>
<tr>
<td><strong>Shelf Life</strong> (68°F/50% relative humidity)</td>
<td>2 years</td>
</tr>
<tr>
<td><strong>Minimum Application Temperature</strong></td>
<td>46°F</td>
</tr>
<tr>
<td><strong>Available Lengths</strong></td>
<td>150’ (50-yard)</td>
</tr>
<tr>
<td><strong>Available Widths</strong> (inches)</td>
<td>24, 30, 36, 40, 50, 54, 60</td>
</tr>
<tr>
<td><strong>Minimum Life Expectancy</strong> (based on accepted application procedures on vertical surfaces)</td>
<td>8 years</td>
</tr>
</tbody>
</table>

**Attention**
Recycling Recommendation: Waste class similar to household waste, is to be recycled according to the local regulations.

Surfaces to which the material will be applied must be cleaned thoroughly of dust, grease or any contaminants. Freshly lacquered or painted surfaces should be allowed to stand for at least three weeks after complete curing. The compatibility of selected lacquers and paints should be tested by the end-user prior to use.

The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and is given without any guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications, customers should independently determine the suitability of this material for their specific purpose, prior to use.

For instant access to more information click on the links below

Visit Oracal.com
http://www.oracal.com/

Tech Support
http://www.oracal.comknowledge/contact-support.asp

Find a Distributor
http://www.oracal.com/distributors/

General Warranty
http://www.oracal.com/_userfiles/File/GeneralWarranty.pdf

Revised 7/11