

## Expand the Possibilities of Floor Appearances A Decorative Composite Polymer Floor Overlay System that Creates Uniqueness and Branding Concepts

### DESCRIPTION

**CrownImage™, is an innovative Made-To-Fit Printed Fabric Encapsulated in an UV Resistant Clear Polymer Overlay System.** The composite designed consist of a 100% solids, 100% reactive, low viscosity polyurea that monolithically bonds the system to the concrete, a selected printed fabric that contains the picture, logo or art design work, and a high density, UV resistant, two-component, clear, aliphatic polyurea U.V. resistant topcoat. All system designs are exclusive for each individual project and include ADA slip-resistant compliant surfaces.

### WHERE TO USE

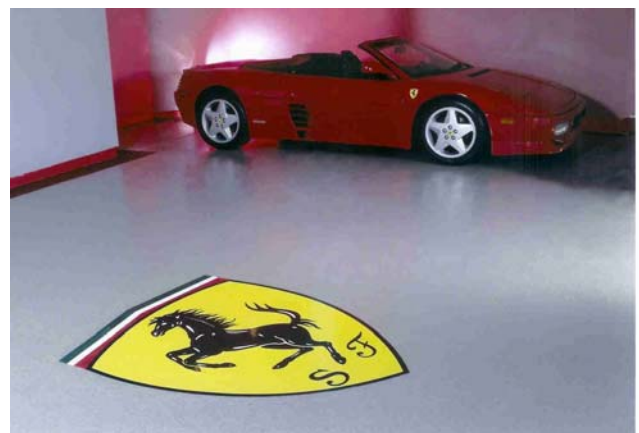
- Concrete or Wood Floors
- Interior or Exterior Applications
- Retail Sales Areas
- Lobby and Building Entrances
- Product Showrooms
- Surfaces Requiring Branding, Imaging, Borders, Thresholds or Direction Affects
- Combine with other Crown Polymers Decorative or Industrial Floors Systems

### ADVANTAGES

- Each Floor becomes an unique creation
- Unlimited design possibilities
- Monolithic attachment to concrete
- Nearly No Odor during application
- Factory trained installers
- Excellent working time
- Applicable and curable down to 40°F
- 100% solids, No VOC's, No shrinkage
- U.V. resistant
- Creates a dense, non-porous overlay that's easy to clean and maintain
- No waxing required
- USDA and FDA Compliance



The entire concrete floor has been encapsulated with CrownImage Polymer Overlay. Durability, Seamless, Easy to Clean, coupled with Beauty, and Product Branding has been accomplished in one floor system.



A CrownImage™ inlay of this well known automobile logo is encapsulated in a CrownQuartz™ decorative floor overlay. The CrownQuartz black boarder around the wall enhances the gray blend aggregate in the floor system and creates an attractive separation of wall and floor.

## Expand the Possibilities of Floor Appearances Unique Inlays and Branding Concepts

### COMPOSITE THICKNESS

Overlay thicknesses vary depending on the fabric selection and anti-slip surface texturing. The typical thickness will range from 45 to 100 mils (0.045 – 0.1 in).

### IMAGE WIDTH

The image size can be very small to an entire room. Some images can be printed on fabric as wide as 9 feet and any length. Fabric widths are selected by the different types of materials and the weave of the fabric. Different weaves provide different looks. When the fabric is chosen, the width really does not matter because the sheets are placed on the floor similar to wall paper. Most images can not be seen where they are matched together. Our experienced staff members will be happy to assist you and make recommendations.

### IMAGE SUBMITTAL

A digital electronic file of the subject typically will provide our staff with the information to assist you with design when required. The printing process uses UV resistant inks and the colors are beautiful. Vector Art is preferred.

### PROJECT SPECIFICATIONS

Crown Polymers local representative will arrange for a factory specification for substrate preparation, CrownImage printing, overlay installation and ADA slip-resistant compliance surfaces that are easy to clean and maintain.

### TYPICAL DATA FOR CROWNIMAGE FLOORS

Color:	Clear top coat over printed fabric
Tensile Strength, (ASTM D638)	3,000 psi
Tensile Elongation, (ASTM D638)	>8%
Hardness, Shore D, (ASTM D2240)	77
Abrasion Resistance, (ASTM D 4060)	
Weigh loss, Wheel No. CS 17, 1,000 cycles,	
1,000 g wt., loss	14 to 28 mg.
Water Absorption, (ASTM D570)	0.2%
100 MEK Double Rubs (CP Test)	Passes
Gloss Retention, 45° South Florida Exposure	
12 months, 98.4% @ 60° and 93.1% @ 20°	
Application Temperature Range	40 - 110°F
Tack-Free	4 - 8 hrs recoat
	24 hrs foot traffic
Full Cure	4-7 days
Shelf Life	1 year

### LIMITATIONS

- Do not apply on wet or water saturated concrete surfaces
- Do not apply or cure when substrate temperature is below 40°F (4°C).
- Do not thin with solvents or other materials, they will prevent proper cure.
- Max. 3 lbs / 1,000 ft<sup>2</sup> / 24 hrs. vapor transmission rate through concrete.

**For the Location of Your Nearest Crown Polymers Representative  
CALL TOLL -FREE 888 / 732-1270**



A CrownImage inlay brands the State of Illinois Food Safety Research Center's logo in an ADA slip-resistant compliant Crown-Quartz protective floor overlay.

**Call today for technical or creative design  
assistance 888/731-1270 or email:  
info@crownpolymers.com**

