



RAYDON Corporation

1420 Hockney Court
Port Orange, Florida
32128



GENERAL CONTRACTOR

T.G. Glass & Associates

100 LaCosta Lane, Ste. 140
Daytona Beach, Florida 32114
(386) 299-5630

RAYDON Corporation is a global leader in innovative simulation products and solutions. The company is the top provider of convoy trainers to the **United States Armed Services**, and the largest domestic commercial source of novice driver trainers. **RAYDON Corporation** is an unconventional player in the simulation training arena. Their designs are grounded in economical platforms (a range of hardware delivery systems) that support integrated operation and rich training content. The company strives to bring affordable simulation training solutions to a variety of global audiences: military, medical and corporate. **RAYDON Corporation** is leading the way in the simulation training arena by using Virtual Reality to enhance and save lives across the globe by developing solutions to life threatening problems!



Raydon Corporation was established in 1988 in Daytona Beach, Florida by **Ray Hockney** (retired), and current owners **Don Ariel** and **Dave Donovan**. In over 20 years Raydon has grown from three to over 300 employees in executive, administrative, engineering, manufacturing, hardware and software design, and advanced technology capacities.



Under Construction - Photograph Taken April 2010.



100 La Costa Lane
Suite 140
Daytona Beach, FL 32114
386-274-1422



RAYDON Corporation prior to floor installation project. Photographs taken April 2010.



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RAYDON CORPORATION DAYTONA BEACH, FLORIDA MANUFACTURING FLOOR CASE HISTORY



Photographs Taken September 2010 - Approximately 60,000 Square Feet of New Manufacturing Facility - Exterior and Interior (at project start and after shot blasting).



Raydon Corporation Specifications

1. Portable vacuum blast ("shot blast") [entire floor – 100%]/diamond grind.
2. Crack fill/repair floor imperfections (E31-1204).
3. Apply E31-1203 epoxy primer.
4. Apply E31-1202 (100% solids epoxy).
5. Apply 1st color topcoat (U31-1201) - with non-skid aggregate.
6. Apply 2nd color topcoat (U31-1201).
7. Clean up.



General floor preparation/cutting and cleaning control joints / portable vacuum blasting.



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Application of concrete stain to **Mezzanine**.



Scope of work/specification (Mezzanine)

1. Power sand (20/36 grit sand paper).
2. Vacuum, blow, sweep, solvent wipe (acetone towels).
3. Apply concrete stain.



Note the white walls "turned blue" from the concrete stain reflection on the floor



Photograph of white walls before "stain" applied.



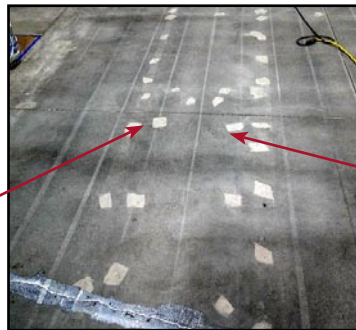
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Were there any unusual problems regarding this project? Yes, the building was tilt up wall construction and 125 man hours were spent "patching" all holes from the form construction and the wall braces with E31-1204 before priming with concrete primer E31-1203.



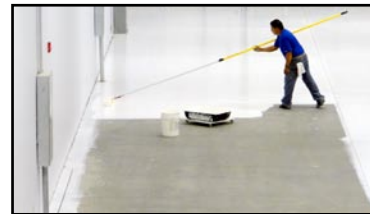
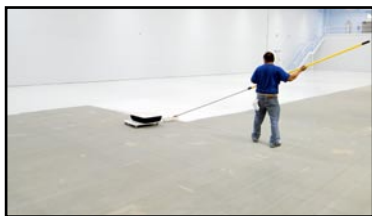
REDFORD Corporation Crack Filler E31-1204
1075 Ringwood Drive • Ringwood, Texas 77370 • (281) 358-4100

Instructions for use
For best results, apply over a dry, warm surface. If exposed to the elements, do not apply within 24 hours of concrete cure, or if the ambient air temperature is expected to fall below 50° F (10° C).

Preparation
Remove all contaminants, such as dirt, dust and other loose material with high pressure water, steam, steam detergent, or acid etching. The compressed air or long blowing tubes to insure that all cracks are thoroughly dry.

Application
Use 1/2" to 1" taping knife to push equal parts of A and B in a plastic joint tray or similar container, and mix thoroughly to obtain a uniform consistency throughout the opening.
Use the same amount of both cracks, according to the quantity.
Load trowel flow on the filled area during the 12 to 24 hours curing time. The filled area can be a minimum of 1/8" above covering with epoxy or sealant coating.
Use of rapid removal within 15 to 20 minutes of mixing. Cleanup with kerosene, M.E.K. or acetone.

Curing time
Depending on ambient temperature, the filled crack will dry to touch in about 3 hours. Allow 12 to 24 hours of cure time before sealing.



REDFORD Corporation Primer E31-1203

Instructions for use
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REDFORD Corporation Primer E31-1203

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E31-1203 Concrete Primer starting to be applied.



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Smaller, approximately 12,000 square foot room attached to the approximate 50,000 square foot manufacturing floor.

Mezzanine **Main Production Floor** **Mezzanine**

2nd Floor Mezzanine ("stained") **Main Production Floor [Epoxy overlayer (E31-1202) applied]**

E31-1202 applied (squeegeed and backrolled).



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Final Applications of U31-1201 High Performance Urethane.

