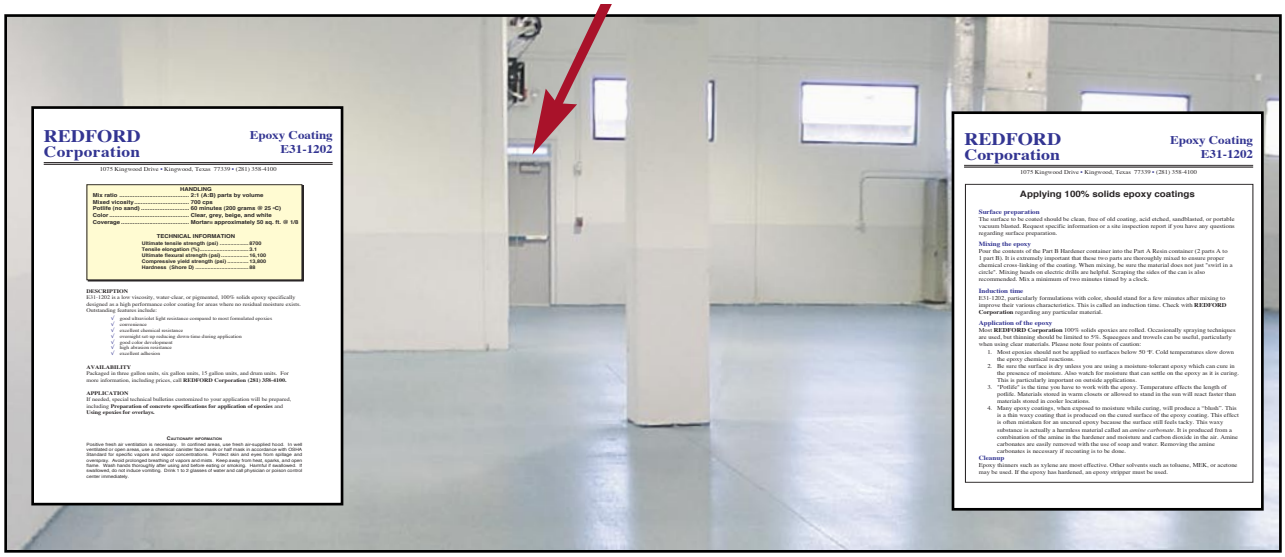
CORPORATE HANGAR OCEAN DESIGN INC.

Ocean Design Inc.
1026 N. Williamson Blvd.
Daytona Beach, FL 32114

T.G. GLASS & ASSOCIATES

This case history shows an approximate 60,000 square foot floor in Daytona Beach, Florida that experienced over 30% water/rain damage during the concrete pour. The initial photographs (pages 2-3) show test areas applied in December 2005 after the rain damage allowing **T.G. Glass & Associates/Ocean Design Inc.** To "select" the repair they desired. **E31-1202** 100% solids epoxy (blue) system/repair procedures was chosen (Squeegeed and back rolled) over a diamond ground/shot blasted surface.

The repair was then started in January 2006 with the January photographs (pages 4-6) showing the actual application process through completion. The finished floor required approximate 900 man hours and almost 1000 gallons of various products.



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FLOOR TEST AREA - The photographs below, and on page 3, show a floor test and designed in December 2005 for **Ocean Design Inc.** Its purpose was to enable the company to choose the finish and coat they desired.

COST
material only
$1.31 / Square ft.

Area A
2 Gallons
E 31-1202-64
7 Gallons
E 31-1202
3 Gallons
U 31-1201 Lt Gray

COST
material only
$1.11 / Square ft.

Area B
2 Gallons
E 31-1202-64
7 Gallons
E 31-1202
1.5 Gallons
U 31-1201 Lt Gray

COST
material only
$0.90 / Square ft.

Area C
2 Gallons
E 31-1202-64
7 Gallons
E 31-1202 Blue

Another joint
Economic Development
project by the
State of Florida,
the Volusia County Council
and the
Daytona Beach
City Commission

• • •

on behalf of
Ocean Design, inc.
1026 N WILLIAMSON BLVD
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CONTRACTOR
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The photographs displayed show the rain damage caused during the concrete pour. They also display the start of diamond grinding to repair the damaged floor.

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Diamond grinding/shot blasting, scraping and cleaning the rain damaged floor to prepare it for **E31-1202**.

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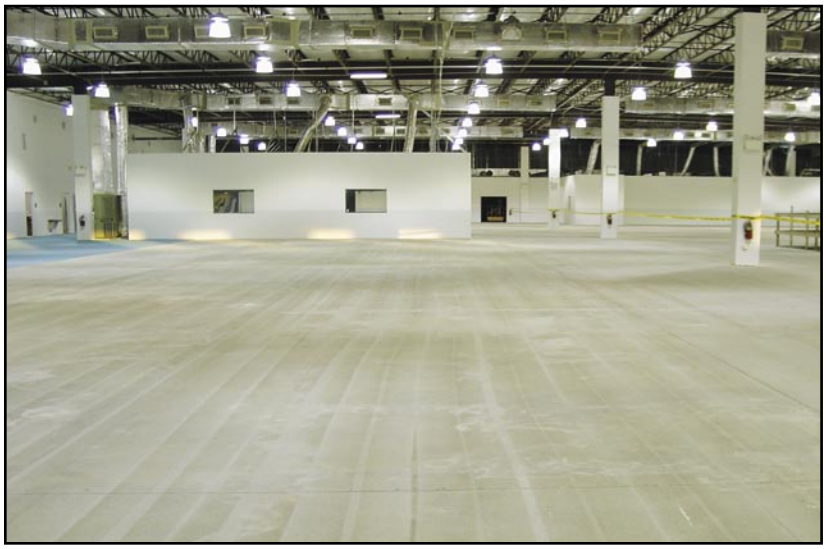
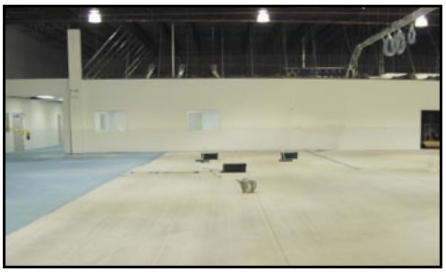
The floor diamond ground/shot blasted and profiled for **E31-1202-64** epoxy primer. The photographs below show the **E31-1202-64** (low solid, polyamide) being applied. The building is approximately 60,000 square feet with the photographs showing the main areas of the building in the form of shops and offices.





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The below photographs show the finished floor (**E31-1202-64/1202**). With landscaping almost complete and a new high preformance urethane floor, **ODI** is now ready to move in.

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Floor in use March, 2007

REDFORD Corporation