



## case study

### Solving An Uphill Battle for Stratton Mountain Commercial Kitchen Flooring

#### Project Overview

Black Bear spent a week on the jobsite at the Stratton Mountain resort to value engineer a solution that would provide greater coverage and durability in two commercial kitchens. The existing flooring was difficult and costly to maintain.

#### The Process

- STEP 1: Prep existing hardwood floors for urethane overlay
- STEP 2: Install Fiberglass Mesh Tape with ¼ oz. per sq.ft.
- STEP 3: Waterproof with flexible epoxy membrane over wood at 4 inches off the walls
- STEP 4: Install Dur-A-Flex Elast-O-Coat
- STEP 5: Apply Poly-Crete MDB at ¼ inch
- STEP 6: Use a ColorFast top coat with a 6 inch seamless cove

#### Project Details

- Project Name – Stratton Mountain: 2 Commercial Kitchens
- Type of Business – Hotel and Lodging
- Location – South Londonderry, Vermont
- Size - 1,800 and 2,400 square feet
- Timeframe – 6 days total
- Products – Fiberglass Mesh Tape, Duraflex Elast-O-Coat, Polycrete MDB, ColorFast top coat sealer

#### Challenges

This project required extensive prep of deteriorating wood floors prior to installing a waterproof, cementitious urethane. Black Bear also needed to select the correct drain details quickly to make the job's tight deadline. Scheduling and long distance coordination was a challenge which Black Bear managed with the general contractor and facilities manager.

#### Black Bear's Solution

It was determined that a waterproofing system was needed to provide greater protection from the wet spaces and food and liquid byproducts. With the kitchens situated adjacent to visitor areas of the facilities, Black Bear provided greater protection against moisture that could damage existing nearby structures. In addition, a cementitious urethane was engineered to upgrade their existing floors to a more durable and easily maintained solution for the high-traffic kitchens.

### about the client

The Stratton Mountain resort offers year round activities, fine dining, spa, and picturesque views of Vermont's green mountains. From first-class skiing and snowboarding in the winter, to tennis and golf in the summer, the resort offers visitors accommodations in spacious condominiums.



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P: 978.405.0017 | E: [info@blackbearconcrete.com](mailto:info@blackbearconcrete.com) | O: [www.blackbearconcrete.com](http://www.blackbearconcrete.com)