



# case study



## Waterproofing & Moisture Mitigation for Multi-Level Commercial Kitchen

### Project Overview

The Hynes Convention Center's commercial kitchen spans two floors and portions of the existing floor were showing signs of wear, with water leaking through the foundation.

Black Bear was asked to propose solutions for both moisture control, and easier maintenance in an area that adheres to FDA health codes and OSHA safety regulations.

### The Process

- STEP 1: Assess multi-level work site and identify areas that required extra waterproofing
- STEP 2: Install Dex-O-Tex waterproofing membrane
- STEP 3: Apply Dur-A-Flex moisture mitigation primer
- STEP 4: Lay urethane mortar for extra layer of protection

### Project Details

- Project Name – The Hynes Convention Center Commercial Kitchen Waterproofing and Remodel
- Type of Business – Multi-Use / Event Facility
- Location – Boston, Massachusetts
- Size/Square Footage –8,900 sqft space
- Timeframe – 5 phases completed over 1 year: am and pm shifts (total estimated time = 6-7 weeks)
- Products – Dex-O-Tex, Dur-A-Flex

### Challenges

Black Bear needed to accommodate a busy, multi-level kitchen servicing the entire facility. With moisture and seepage the primary concern, it needed to be addressed before new flooring was installed.

### Black Bear's Solution

Black Bear value engineered a solution with two main components – water proofing and new commercial flooring. Black Bear installed a waterproof membrane in addition to a moisture mitigation primer before laying the cementitious materials with a urethane mortar which added another layer of protection. The extra layer of water proofing in the base of the concrete provided the reassurance the client required to eliminate leakage and avoid costly repairs. The new industrial epoxy flooring offered the durability and ease of maintenance needed in the large commercial kitchen.

## about the client

Located in Boston's historic Back Bay neighborhood, the John B. Hynes Veterans Memorial Convention Center offers a 200,000 square foot state-of-the-art facility for holding concurrent meetings and events.



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