



Since 1995

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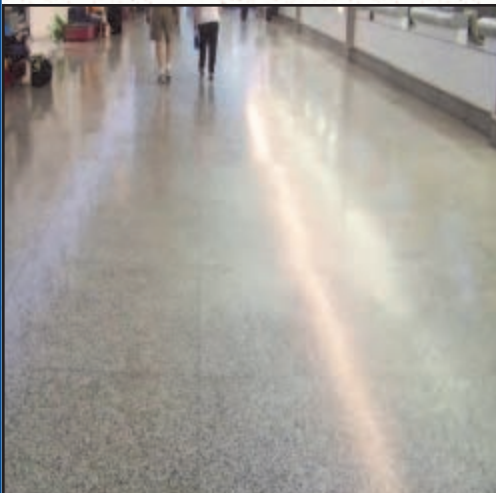
# Take-Off in the New Year



# Leaving the Wax Behind

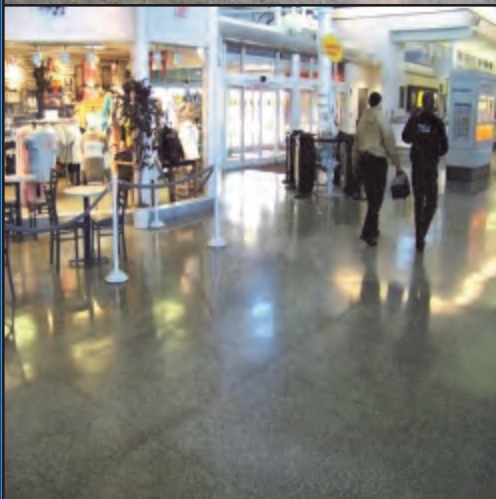
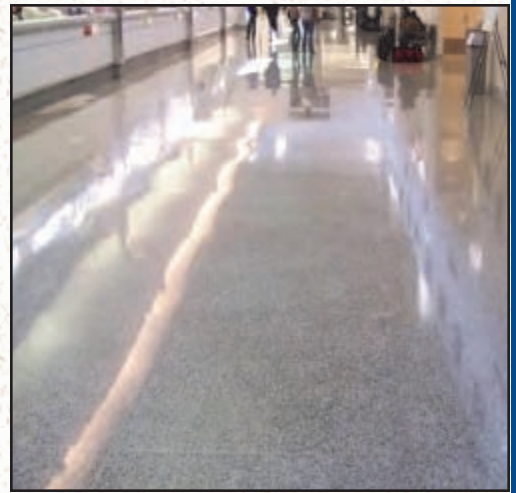
## Syracuse Hancock International Airport **Eliminates** Waxing and Stripping of Terrazzo Floors

**Before**



Never again will these floors have to withstand the treacherous cycles of waxing and stripping. Daily maintenance has been reduced to dust mopping, auto-scrubbing on the evenings and periodical buffing. Along with the transition comes the elimination of harmful topical chemicals that would have traditionally been applied to these floors. The scope of the project included 55,000 square feet of terrazzo on the lower concourse, pictured to the right is the newly restored floor shining as it did during the beginning years of its existence.

**After**



# Changing Floor Care for the 21st Century

# Is Your Building SICK?!

The Environmental Protection Agency has recently coined the term "Sick Building Syndrome", describing the indoor air quality of a building contributing negatively to a persons overall health. These symptoms can be anything from an acute health discomfort such as a headache, throat irritations, to becoming unconscious. The majority of complaints from building inhabitants subsides shortly after leaving the building.



## Two Custodians DIE...



While cleaning a floor in the city of Chicago in 1989 two custodians died after inhaling toxic fumes from the chemicals that they were applying. The study found that the chemicals used contained methylene chloride, which is known to cause cancer. Methylenechloride is a paint stripper known to peel paint off walls with the vapors emitted.

## Pregnant Custodians put Babies at Risk

The National Birth Defects Prevention Network has recently found that female custodians who are pregnant put their babies are at a higher risk of developing health concerns. The high exposure to chemicals that females face in this occupation increase the chances of having neural tube defects. To help protect themselves, females especially should speak to their supervisors about the Boylan system and how it eliminates these harmful chemicals once and for all.



# Yale University Eliminates Floor Finish

Yale University has recently stated that they will no longer use finishes on stone type flooring. The reason being that the majority of strippers contain monoethanolamine, known to cause burns to the skin and cause tissue damage around mucus membranes.



As well the process of stripping and waxing has been deemed time consuming and costly. The Boylan Polishing system has been proven to have a return on investment in as little as 2 and a half years while eliminating floor finish.

## **DO NOT** Pour *Floor Chemicals* Down the Drain

Routine maintenance practices involve floors being stripped of wax and topical coatings. The majority of these coatings contain the element Zinc, the requirement for the disposal for this element is less than 2 parts per million. During peak times of the recoating process, Waste Water Treatment Plants have seen spikes in Zinc anywhere from 500 parts per million to 5000ppm. Many state and local authorities have enacted ordinances to limit Zinc discharge into sanitary sewers. Transitioning to a wax and chemical free maintenance system with Boylan would eliminate this ever growing problem.



The previous articles are paraphrased from the original publications. The entire articles and their authors can be seen on the Boylan website at [boylanstonerestoration.com/article-library.html](http://boylanstonerestoration.com/article-library.html) thank you.

# Chemical Cost Now V.S. Sustainable Benefit Later

The following questions are aimed at estimating the annual cost of floor chemicals and their application in your building. After completing this short questionnaire (online at [boylanstonerestoration.com](http://boylanstonerestoration.com) or below) we at Boylan will then take your numbers and present to you the cost per square foot you would save by transitioning to a polished system with us. We have seen savings of an average of \$1.85...What is your savings per square foot?

\*Base all figures on annual budget prices

Total Square Footage\_\_\_\_\_

Budget Allocation to: Strippers\_\_\_\_\_

Coatings\_\_\_\_\_

Completed on: Straight Time\_\_\_\_\_ (Hourly rate) Overtime\_\_\_\_\_ (rate)

# of Stripping Applications\_\_\_\_\_

# of Recoat/Spray Buffing Applications\_\_\_\_\_

Marble, Terrazzo & Concrete made Sustainable by **BOYLAN**

Earn up to 5 LEED Credits.... Ask us how



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