

# VE CASE STUDY OFFICE & COMMERCIAL

## *Commercial Wear Rating at a Ceramic Price*

In April 2016, a national big box retailer was constructing a regional distribution center. With 2 weeks to go until the scheduled flooring installation, the contractor was concerned that the specified ceramic tile would not be durable enough for the high traffic areas.

### THE CHALLENGE

Find flooring that withstands high traffic and appeals to owner's aesthetic preferences. Ceramic tile was identified for the office, hallways and break rooms, totaling 11,000 sf. The specified product, priced at \$2.00/sf, had a PEI of 3 which is suitable for moderate traffic, but not recommended in commercial applications. Product needed on the job site in 2 weeks.



<b>Ceramic</b> <small>Composition</small>	<b>3</b> <small>PEI Rating</small>	<b>\$2.00</b> <small>Price per SF</small>	<b>2 Weeks</b> <small>On Site Deadline</small>
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### THE SOLUTION

Identified a domestically manufactured product with a very similar look, but in a porcelain tile with a PEI rating of 4, appropriate for the commercial, high-traffic areas. More durable than the original ceramic material, it was priced at \$1.84/sf, representing \$1,600 in savings. As the product was domestically manufactured, we were able to deliver it to the job site in 4 days.



<b>Porcelain</b> <small>Composition</small>	<b>4</b> <small>PEI Rating</small>	<b>\$1.84</b> <small>Price per SF</small>	<b>4 Days</b> <small>Delivered to Site</small>
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### THE RESULTS

<b>Durability</b> <small>Commercially Rated</small>	<b>4 Days</b> <small>Delivered to Site</small>	<b>\$1,600</b> <small>Total amount saved</small>
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Have a Value Engineering (VE) Opportunity?  
 We can provide options in 24 hrs.  
**Contact Us**  
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