



**TOUGH AS NAILS™ Green** Floor Coating



**PRY-BAR™** Floor Stripper

# Case Study

**The University of North Carolina, Greensboro**

**BEFORE**



**AFTER**



The final result of the case study can be seen to the left. Embedded dirt and grime plagued the high traffic areas and doorways. The UNCG staff properly maintained their floors, however the soft, penetrable floor finish made it virtually impossible to free trapped dirt and grime to produce a high shine, glossy floor. The floor was stripped with Pry-Bar Floor Stripper and coated with Tough As Nails Green Floor Coating. The results were amazing! Momar's Green Floor Care Products

**BEFORE**



**AFTER**



gave the floors a high shine, glossy, "wet" look that resists the penetration of dirt and grime.

Read the next page for the step-by-step procedure used to achieve these drastic results.



**"...we can't even scratch the finish and we're really happy about that."**

*- Tatum and Winchester*



This product meets Green Seal™ Standard GS-40 based on effective performance and protective limits on VOCs and human & environmental toxicity. [GreenSeal.org](http://GreenSeal.org).



The U.S. EPA's Safer Choice Program helps consumers, businesses, and institutional buyers identify cleaning and other products that perform well and are safer for people and the environment.



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UNCG was looking for a green floor care solution that was as effective, if not more effective, than conventional floor care products. Momar answered the call with a complete line of green floor care products. Pry-Bar Floor Stripper and Tough As Nails Green Floor Coating were the green products used and observed during this case study.

**The Pry-Bar Floor Stripper was critiqued along the following criteria:**

- Dilution Rate
- Effectiveness of existing floor finish removal
- Odor
- Safety

**The Tough As Nails Green Floor Coating was critiqued along the following criteria:**

- Gloss/Shine
- Ease of Use
- Drying Time
- Durability
- Coverage Rate
- Ease of Maintenance



#### 1. In The Beginning

This before picture shows a well maintained floor, however, the finish was slightly yellow, had low gloss, and had worn considerably in high traffic areas and doorways. There were dark black marks where the furniture had been.



#### 4. Floor Neutralization

An in-house floor cleaner was used to neutralize the floor after the stripper had effectively removed the floor finish. The wet/dry vac was used to remove residue still on the floor. Momar's Envision Floor Cleaner would have been just as effective at dilution rates as low as 1:256 (half-ounce per gallon).



#### 2. Application of Momar's Pry-Bar Floor Stripper

Only one application of the Pry-Bar Floor Stripper was needed to remove the existing floor finish. The stripping dilution rate chosen was commensurate with the removal of a high solids floor coating (1 part Pry-Bar was diluted with 2 parts

warm water). Pry-Bar did not require a stand-time; as soon as the solution was mopped onto the floor, the floor machine was able to easily remove the finish. No offensive odors were observed, and some people perceived a sweet fragrance emanating from the floor.



#### 5. Application of Tough As Nails Green Floor Coating

The Tough As Nails Green Floor Coating was applied using an EasyShine Applicator. Less than one gallon of product was used for the initial coat which covered approximately 2400 square feet. The coating went down very easily,

leveled well, dried in about 25-30 minutes, and no foul smelling odors were observed. Four more coats of Tough As Nails Green Floor Coating were applied for a total of 5 coats.



#### 3. Stripper/Finish Removal

A wet/dry vac was used to remove the stripper/finish mixture from the floor. As the floor dried many commented on how well Pry-Bar cleaned and brightened the floor during the stripping process. The floor seemed much whiter because the detergents in Pry-Bar removed

embedded wax and soil from the pores of the tile.



#### 6. Three Days Later

It is easy to see that the floor has a much cleaner, brighter appearance and it was even commented that the floor "looked like glass." Tough As Nails Green has exceptional shine and will not yellow if it is maintained correctly with regular sweeping and buffing or burnishing. In fact, Tough As Nails Green doesn't ever have to be stripped if it is kept clean. Just recoat yearly or as needed.

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## Additional Photos



Pry-Bar Application: During the Pry-Bar application many commented that the floor was whitened during the process. Look at the stripped part of the floor (left) compared to the unstripped part (right).

The trial application produced a glossier, brighter floor that will protect against wear and high traffic. The Pry-Bar Floor Stripper was highly effective at a 1:3 dilution rate and could have possibly obtained the same results with a 1:4 dilution rate. In addition, upon reacting with the floor finish the Pry-Bar did not produce any foul odors. The Tough As Nails Green Floor Coating produced a high gloss finish that was very easy to apply. Less than 1 gallon of Tough As Nails Green was required per coat on the approximately 2400 square foot area and the drying time averaged 30 minutes between coats. No foul odors emanated from the floor coating and as long as the floors are properly maintained, stripping will not be required (just reapplication in worn areas). Tough As Nails Green is ultra-concentrated with 25% non-volatile "active" content, meaning that 5 coats of Tough As Nails Green results in the same coating thickness as 7 coats of a typical 18% active floor finish. The combination of Momar's Pry-Bar Floor Stripper and Tough As Nails Green Floor Coating has provided a safe and highly effective alternative to conventional floor strippers and finishes.

### -After Photos-

