



# ROYAL REVIEW

Issue Twelve

## Lions, Tigers, and Royal Roofing!



For one of the largest and most experienced commercial roofing firms in the mid-west, a straight forward EPDM rubber re-roof project totaling 30,000 Square Feet isn't a major undertaking. Even if you changed the dynamic and stretched the project across nine buildings, all within walking distance from each other, but still totaling 30,000 Square Feet; it still wouldn't be anything out of the ordinary. Sure, it would be a little more challenging, from a planning and setup perspective, but nothing that a company like Royal couldn't handle. Furthermore, it wouldn't be anything that a company like Royal is not used to having been involved in projects like re-roofing the entire Henry Ford Museum campus (see [www.royal-roofing.com](http://www.royal-roofing.com) under the "Case Studies" link for more information on this project and others). Now, take the same scenario and allow random wildlife to wander aimlessly throughout the job-site, and if the residents of the aforementioned nine buildings were large untamed animals like Hippos, Camels, Rhinos, and Lions! Well then, that 30,000 Square Foot EPDM rubber re-roof project that wasn't a major undertaking and wasn't anything out of the ordinary just became extraordinary.



This was exactly the case at the scene of Royal's latest project at the Detroit Zoo. As mentioned above, there were nine buildings involved; all of which housed a different species. The initial step in the scope of work was the same for all nine buildings, completely tear off the existing roof systems then inspect and replace any deteriorated decking. Next, on all but one of the buildings, install a Firestone 60 mil EPDM rubber roof systems with a 2-ply vapor barrier and 2 inches of Isocyanate insulation.



Those buildings were the Zoo Carpentry shop, Camel, Rhino, Giraffe, Tiger, Lion, and Hippo house. The only building that called for a different system was the Antelope house, I guess Antelopes are weird that way, which received a 3-ply built-up system with a SBS cap-sheet.

Relatively speaking, the roof system tear-off and installation was the easy part of the job. The real challenge was performing the labor while being sensitive to the unique conditions demanded by each of the animals artificial habitat. Maintain a prompt and timely "schedule of work" for each roof activity so not to completely disrupt the animals daily routines and feeding schedules. Moreover, adhere to all Zoo policy's and procedure's while being cognizant of any and all Detroit Zoo customers. Needless to say, the Royal team was able to finish the project ahead of schedule and without incident. Special thanks goes out to the General Contractor - 3LK Construction and the Roof Consultant - NTH for their assistance in making this project a success.



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## Royal in the Kitchen

“*Royal in the Kitchen*” - **RECIPE MAKEOVER!** This is a slightly new twist to a **ROYAL Review** fan favorite. Here, with help from the web-site foodfit.com, we'll take a familiar dish and make it healthy. Enjoy...

### Recipe: **New York Style Cheesecake**

Everyone loves dessert, but with those wonderful treats come plenty of calories and fat. We've tackled one of the toughest and most beloved desserts—cheesecake. From this recipe you're able to dramatically reduce the calories and fat and increase the protein, with just a few basic changes. A traditional cheesecake recipe is loaded with fat and cholesterol from eggs and regular cream cheese. We used egg whites or an egg substitute to replace most of the whole eggs. We also used a mixture of low fat cream cheese and low fat cottage cheese to cut almost 100 calories, 27 grams of fat, 19 grams of saturated fat and 120 milligrams of cholesterol. An added benefit is that these changes helped boost the protein content of the cake to more than double the original.

#### Cooking Instructions

1. Preheat the oven to 350°F (The rack should be set in the lower third of the oven.) Bring 1 quart water to a boil. Wrap a piece of foil around the bottom and sides of a springform pan. (This prevents water from leaking in.)
2. Puree the cottage cheese in the food processor, scraping down the sides several times. This will take 2 to 3 minutes. Add the cream cheese and puree until smooth. Add the sugar and puree. Add the eggs, egg whites, lemon juice, lemon zest, vanilla, and salt and puree. Pour the mixture into the prepared pan. Tap the pan a few times on the work counter to knock out any bubbles.
3. Set the pan in a roasting pan in the oven. Add 1 inch boiling water to the roasting pan and bake the cheesecake for 30 minutes.
4. Meanwhile, in a large mixing bowl, whisk together the sour cream and sugar. Spoon this mixture on top of the cheesecake. Continue baking the cheesecake until set, 10 to 20 minutes longer. To test for doneness, gently poke the side when the top no longer jiggles, the cheesecake is cooked. Another test: an inserted skewer will come out clean when the cheesecake is cooked. Do not overcook, or the cheesecake will become watery.
5. Transfer the cheesecake to a cake rack to cool to room temperature, then refrigerate until cold. To serve, run the tip of a small knife around the inside of the pan. Unfasten the sides.

#### Ingredients

This recipe serves: 10  
 1 pound low-fat cottage cheese (1%)  
 1 pound low-fat cream cheese, at room temperature  
 1 and 1/4 cups sugar  
 2 eggs, plus 4 egg whites (or 1 cup egg substitute)  
 1/4 cup fresh lemon juice  
 1 tablespoon grated lemon zest  
 1 tablespoon vanilla extract  
 1 pinch salt

#### Nutrition Before

Calories: 432  
 Fat: 36 g  
 Saturated Fat: 24 g  
 Cholesterol: 143 mg  
 % calories from fat: 74%  
 % calories from protein: 7%

#### Nutrition After

Calories: 342  
 Fat: 9 g  
 Saturated Fat: 5 g  
 Cholesterol: 22 mg  
 % calories from fat: 25%  
 % calories from protein: 20%

Website Source: [http://www.foodfit.com/cooking/archive/recipeMakeover\\_dec27.asp](http://www.foodfit.com/cooking/archive/recipeMakeover_dec27.asp)

## The Parade Company

By definition, traditions are long-established actions or patterns of behavior that take place in a community or with a group of people; actions that have been handed down from generation to generation. This is relevant in the city of Detroit, Michigan in regards to the *Detroit Thanksgiving Day Parade*. The Detroit Thanksgiving Parade is a time honored tradition that dates back to 1924 when J.L. Hudson's in Detroit and Macy's in New York launched the events. Because of the high cost, Hudson's gave up their primary sponsorship of the parade in 1979, and turned it over to the Detroit Renaissance. Then in 1983, it was turned over again to The Michigan Thanksgiving Parade Foundation and, finally, in 1990 the foundation's marketing and operating division, The Parade Company, was created. The foundation is a nonprofit organization made up of 100s of local businesses and civic leaders<sup>1</sup>.

Today, The Parade Company is headquartered off of Mt. Elliott Street in Detroit in an old automotive plant that was renovated to become a multi-tenant facility. This is a very unique facility because of the available office space and large / spacious warehousing capability. It accommodates The Parade Company operation perfectly. They are able to conduct their day to day business functions while utilizing the warehouse aspect to build and set-up for the parade.

As large as floats and displays may be for an extravaganza like the Detroit Thanksgiving Parade, and the square footage required to house those articles, The Parade Company only occupies a fraction of the enormous Mt. Elliott Street facility. As a responsible facility owner, in addition to the fact they warehouse such fragile goods, The Parade Company is very concerned about the condition of their roofs. Therefore, when it came time for part of the roof to be replaced, the parties that oversee The Parade Company facility looked no further than Royal Roofing Company.

The portion of the facility that the Parade Company owns accounts for over 220,000 square feet of roof area; the section that required replacement was approximately 48,000 square feet. In turn, Royal completely removed the existing roof systems (*systems* because the existing roof consisted of various roof systems) and large amounts of metal and gypsum deck that had deteriorated due to its age. In its place Royal installed a Firestone 60 mil Fully-adhered roof system with a twenty year warranty. In addition, Royal also installed over 4,000 square feet of metal siding to complete the roof-aspect of the renovation.

Source:

1. Sternberg, Laura. "History of Detroit's Thanksgiving Day Parade." *About.com: Detroit*. 8 Nov, 2008 [http://detroit.about.com/od/halloweenattractions/a/parade\\_history.htm](http://detroit.about.com/od/halloweenattractions/a/parade_history.htm)



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## Slate Roofing is Par for the Course at Royal



What differentiates Royal Roofing from every other commercial roofing company is what also makes Royal an industry leading installer. The ability to be a superior industrial / production roofing company, that installs hundreds of thousands of square feet of roofing on flat-factory and warehouse roofs, to performing complex / custom slate roofing projects with the same quality result. A testament to this claim was recently on display when Royal Roofing installed a new slate roof on the Walnut Creek Country Club in South Lyon, Michigan.



What a commercial roofing project shouldn't be confused. Whether it's a 200,000 square foot asphalt roof replacement at Ford's Cleveland Engine Plant or a 35,000 Slate re-roof project at Walnut Creek, both are commercial projects. It's having the staff with the expertise and experience to accomplish two very different projects with the utmost quality and efficiency. So when Walnut Creek Country Club decided to upgrade its building by removing the existing cedar shake roof and install a new GAF - Elks Slate Tile roof system, they choose Royal Roofing Company. The project requirements specified that it be completed in twenty-eight days, Royal finished in twenty. Minimal disturbance was created on the grounds surrounding the facility, while even less disturbance was observed by the country club members.

A special thanks to Michael Mathers of Roofing Technology Associates, Ltd., the Walnut Creek Country Club staff, and its members for helping make this a successful and awarding *commercial* roofing project!

