

# **Clean Beat**

# FLOORCOVERING TECHNOLOGIES, INC. – JULY 2022

# **Carpeting: Earning High Marks in Classroom Design**

"We couldn't figure out why our son was struggling in school. We tried talking to the administration and we even hired a tutor, but nothing seemed to help. Finally, we transferred him to a private school. The classrooms were clean and carpeted and he stopped complaining about



not hearing the teacher and his allergies drastically improved. He now gets B's and occasionally an A. The only real difference between the two schools was that the new school had carpeting that was regularly maintained in the classrooms and the previous school had vinyl floors. The difference in my son's grades is like night and day!"

Carpet in the classroom has been proven time after again to be beneficial for both teachers and their students. Independent studies show that having carpets installed provides fewer absences due to illness or injury; improves soundproofing, which creates a

better teaching environment with cleaner indoor air; and most important, students attending schools with carpeted classrooms had higher achievement scores across all subject areas than students attending schools with hard surface floors!

# "Dark Shadows"

"It's like there's something crawling out from under the baseboards!" Mrs. Angelique Collins exclaimed, gesturing wildly with her hands. "And I'm not just talking about the spiders."

I tried to hide my smile as I entered her home -- a four-story Southern Victorian mansion located down a long winding lane. The Victorian era baseboards and crown molding were in stark contrast to Mrs. Collin's frazzled appearance. The home was dimly lit by only table lamps in two corners of each room. The living room mantle had approximately a dozen or more candles on it, and all of them were burned out. In the center of the mantle there was a large portrait of a distinguished gentleman with the name Barnabas inscribed on the bottom frame. Candle wax had melted down the candlesticks, onto the mantle, and spilling onto the polished marble tile of the hearth. I jokingly asked if she had just finished with a *séance*, but I didn't receive any comment, just a stern look.



"Well, what seems to be the problem?" I asked, trying to sound professional despite my amusement and poor attempt at making a joke.

Mrs. Collins eyed me skeptically before she launched into an explanation of the dark lines that ran along the edges of her rooms. She was convinced it was a defective carpet and wanted the manufacturer to replace it.

The "problem" is called soil filtration and is quite common. The cold air in the room, based on the laws of thermodynamics, flows to the

floor and through the subfloor toward warmer air. As air currents pass through the carpet it filters out the microscopic soil particles.

The cause of the "dirty air" in this case was related to candle emissions.

Andrew Sledd, M.D., a Missouri pediatrician who specializes in environmental toxicology. Sledd told KFVS-TV that it only takes an hour of burning a candle to produce the same harmful effects as smoking just one cigarette.

## Quote "Worry does not empty tomorrow of its sorrow, it empties today of its strength." ~Corrie ten Boom

Corrie ten Boom was a Dutch watchmaker and later a Christian writer and public speaker, who worked with her father, Casper ten Boom, her sister Betsie ten Boom and other family members to help many Jewish people escape from the Nazis during the Holocaust in World War II by hiding them in her home. They were caught, and she was arrested and sent to the Ravensbrück concentration camp. Her most famous book, *The Hiding Place*, is a biography that recounts the story of her family's efforts and how she found and shared hope in God while she was imprisoned at the concentration camp.

# Sweden's "Big Oops!"

In the 1970's several associations and advocacy groups determined, without any medical study, that carpet was hazardous to the health of people with asthma and allergies. A study, based on historical figures for ten years, was reported by scientists at the Swedish Institute of Fiber and Polymer Research. They found that while the use of carpet in Sweden had steadily decreased since 1975, the occurrences of allergic reactions in the general population had increased.

### CARPET USAGE & ALLERGIC REACTIONS **IN SWEDEN** Carpet Usage per Year (m<sup>2</sup> in millions) 3.0 2.0 350 Allergic people (millions) 300 1.0 250 200 Allergic Reactions 150 100 50 Carpet Usage 1980 1985 1975 1990

Source: Swedish Statistical Central Bureau



#3: Cough up the money for a vacuum cleaner with a HEPA filter. It'll help trap allergens so the money is all you're coughing up.







# "Wit's End"

"We were at our wit's end when we finally decided to seek help from a specialist. We had tried every doctor and remedy under the sun, but nothing seemed to work. My kids were constantly sick, and I was desperate to find a solution.

It turns out that the problem was right in front of us all along! The dust in our home was causing our allergies to flare up. We replaced all our carpets with hardwood flooring and thought we had solved the problem... but we were wrong. The dust was just being stirred up by our footsteps, and it was making everyone in the house miserable. That cost us \$25,000 and was money we didn't have, but like I said, we were desperate!

A friend recommended Jerry Kessie, with Floorcovering Technologies, and he helped us understand why hard surfaces can often be the problem, not the solution. He spent hours answering questions although he knew we didn't have carpets to clean anymore. He just wanted to be helpful."



Dust mites are one of the most common indoor allergens. They are tiny creatures that

thrive in warm, humid environments and feed on the dead skin cells that humans shed every day. While dust mites are not harmful in and of themselves, their fecal matter can trigger allergic reactions in some people.

Symptoms of a dust mite allergy include sneezing, congestion, and watery eyes. If you suspect that you may be allergic to dust mites, it is important to take steps to control them in your home. Regular professional cleaning can help to reduce the population of dust mites, as can washing bedding and other fabrics in hot water. Taking these steps can help to create a healthier environment for everyone in your





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