

# Industry Innovations

RCH Pre-Construction Newsletter

As we continue to move into 2022 we find more and more crazy innovations! We are excited to share with you some of our favorites that we've seen recently.

#### Nevin's Picks

Fast and easy access to what's important. Tapplock's smart fingerprint padlocks identify users to 99.999% accuracy and unlock in 0.8 seconds. Manage users, locks and access history using Tapplock's app and software. <a href="https://tapplock.com/">https://tapplock.com/</a>



Groundbreaking ULTRA. A Smart Fan integrating UV-C radiating LED technology. Using a patent-pending system, which combines a UV-C radiating LED module with an air-circulating fan, the Ultra Smart Fan can decrease the SARS-CoV-2 virus in breathable air spaces.\*





#### Self-healing concrete's market value will rise to \$1.37 billion by 2025.

Self-healing concretes are widely used by concrete subcontractors for remedial works due to cracks. This technology uses a special kind of bacteria that creates a substantial reaction to fill-up the

cracks. Today, self-healing concrete is used in most concrete structures like buildings, bridges, tunnels, and dams, among many others, because of its ability to last for over a century. The technology can be costly, though. This is the main reason why its market growth in the United States is slow. However, reports have that self-healing concrete will become more affordable in the coming years, hence the expected expansion of its application and boost in its sales.

## Jason's Picks

Give your sink, and your kitchen, a whole new look and feel in minutes. Crosstown sinks featuring our exclusive Interchangeable Apron offer the stylish look of a farmhouse sink with the ability to change the color and material of the apron from day to night, or whenever the mood strikes you. Sink for Interchangeable Aprons and aprons are sold separately.

https://www.elkay.com/products/details/CTXF234179C



SMARTER. LeakSmart W-Fi Sensors connect to your phone to send your notifications for leak detection, temperature, humidity and sensor movement making it the most intelligent leak and flood protection on the market. <a href="https://leaksmart.com/">https://leaksmart.com/</a>





**Bamboo Floors** We are used to hardwood floor panels for cheaper flooring options, but the reality is that they are not sustainable. In the country, most homes are made from wood since they are easy to use in construction. Countless trees are then chopped down. An alternative that can be

considered by construction managers and clients is bamboo, at least for the floors. Bamboos are easy to grow when a normal tree takes 25 years to grow. Bamboos also require very little maintenance to survive. They thrive through drought and can tolerate most soil types. That said, cutting down bamboos to use in many houses' construction shouldn't cause any environmental concerns. In terms of functionality, bamboo floors are versatile. Strand-woven bamboos are exceptionally durable, making them inexpensive alternatives for commercial spaces.

Please note that all the wording and pictures have been taken directly from the website from which the products were sourced. We have given them credit for the links to the actual website.

## Stay tuned for more!

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