

New Product Gives Homeowners a New Option: Stone Floor on a Wooden Deck

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Homeowners rejoice! There's a new kid in town that finally gives us some freedom when it comes to our outdoor living spaces. That "kid" is named "SilcaSystem®": a revolutionary line of construction products which will change decks forever.

Until now, decks (and other elevated surfaces) were pretty standard...lumber framing with lumber decking. If you wanted to get really fancy, you could splurge and go for composite lumber. That was "it" for choices.

But SilcaSystem is entirely new and different, as it allows us to finally have the luxury of stone flooring on our decks...or brick, tile, slate, pavers, or any other heavy surface material for that matter. The choice is ours. Finally. My question is: why hasn't anyone thought of this before? It's so simple!

The "big daddy" of the SilcaSystem line is SilcaGrate®: a super-strong product which is attached directly to a structure's wooden floor joists, providing a sturdy subflooring for whatever surface materials the homeowner chooses. Made of engineered polymer, SilcaGrate's hexagonal matrix offers support every two inches in all directions, providing substantially more muscle than lumber pieces which span 16 to 24" between joists in traditional deck construction and only offer bi-lateral support.

SilcaGrate's patent-pending design results in unprecedented strength that exceeds current commercial building code requirements of 60 pounds per square foot by a factor of more than 6 times. In fact, in a test area of less than seven square inches (just one single hexagon) loaded with more than 700 pounds, the deflection was less than one-half inch. To put that in perspective, imagine putting five average-sized people on an area approximately half the size of a standard playing card, and still, the SilcaGrate only gave 0.375". That's impressive strength! That's how it can support the weight of heavy surface materials without breaking a sweat. And even better, it's easily cut to form and a breeze to install, requiring only 6 screws, so any contractor, landscaper, or DIY homeowner can do it. Each SilcaGrate grid covers 2 square feet and takes an average of just two minutes to install. And it works just as well for non-elevated surfaces as it does for elevated surfaces. What's not to love?

With SilcaSystem, decks don't have to look like "decks" anymore. They can adopt a high-end, posh, opulent look. Let's call them "elevated patios" instead. That sounds much more regal, don't you think?

I can almost hear decks, patios, bridges, terraces, porches, sidewalks, and stairways around the world cheering for such a great invention. We finally can have the timeless elegance of natural stone, brick, pavers, or tile virtually anywhere we'd like. Thank Goodness!