

SWAMPLOT

The Recycled Glass Driveway at the Cordell Shipping Container House

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NEXT EXPERIMENT AT that Swamplot-Award-winning house built out of shipping containers on Cordell St. in Brookessmith? The unique driveway installed earlier this week. John Walker of Numen Development writes in with details:

It is composed of recycled crushed glass, with a resin binder, and achieves the consistency of caramel popcorn for lack of a better description, so it has voids that allow surface water to percolate through the paving and ultimately be absorbed into the underlying soil rather than running off into the storm drainage system. It is a triple threat: recycled material, reduces environmental impact of development, and it's really cool!

Walker says Presto Geosystems, a division of Reynolds Packaging Group, installed the driveway as a pilot project for the Houston market. This installation has been described by their consulting engineer as most likely the "first and last" residential project they will do in Houston as the product is expected to meet with huge commercial demand, especially for "landlocked" developments for whom expansion is limited by Harris County stormwater detention limitations.

Some views of the FILTERPAVE™ installation:



The FILTERPAVE™ system features 70 to 80 percent post-consumer recycled glass, 20 to 30 percent granite and a polymer binder in a 4-inch application.