



Sustainable Building Solutions

IN THE LAST MONTH

September was a busy month for Belter Tech. From working on the development and design of their groundbreaking tiny home, to researching and producing new and sustainable products, Belter Tech has been making a lot of moves in the sustainable construction industry.

Belter Tech has also completed numerous American Institute of Architect (AIA) courses in the last month. These courses are intended to educate architects, students, and interested professionals on topics such as sustainable concrete, Magnesium oxide boards, self-leveling underlayment, and screeds. These courses are held online every Wednesday.

In addition to getting work done, Belter Tech employees also recognize the importance of relaxing and enjoying teambuilding time. Many of them attended a golfing event in September, and got to enjoy the weather and connect with their colleagues.



Pictured above: Members of the Belter Tech team enjoying a day of socializing and golf

UPCOMING EVENTS AND ANNOUNCEMENTS

Looking ahead, Belter Tech is preparing to attend GreenBuild, an International Sustainability Conference, in San Francisco in early November. On that same trip, Belter Tech will be meeting with the Irish Consulate to discuss their mission, projects, and products, in order to expand international connections.

Belter Tech is also working on developing more AIA courses, including one focused on moisture in concrete, and one focused on the sustainability of cork in construction. [SIGN UP HERE](#)

NEWSLETTER

October, 2022

“ATLANTA’S GREENEST TINY CITY HOME” UPDATE

Belter Tech is proud to be making progress towards the completion of their sustainable tiny home. Last month, the large tree on property that was condemned was cut down in order to be processed and utilized within different parts of the house. Additionally, Belter Tech will be meeting with LEED certified architects to ensure that all the necessary processes are completed in order to qualify their building for certification.

October is also the months where the building permits should start going through, so construction is expected to start shortly.

RECYCLING

As of this month, Belter Tech has recycled a total of 418,560 lbs. of materials that otherwise would have ended up in landfills.

CARBON FACT(S) OF THE MONTH

- As the second most utilized resource in the world (after water), concrete is one of the largest sources of CO2 emissions globally
- Adding supplementary cementitious materials (SCMs) to concrete is a proven way to decrease these emissions
- Certain natural materials such as algae can be utilized to store carbon in order to offset emissions.



Pictured above: Recent job utilizing Belter Polish Top

We are plan  for the planet



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On September 7th, four apprentices and a few representatives from Locals 6a, 18a, and 20 were given the opportunity to learn from Belter Tech, a sustainable construction product developer based in Atlanta. This workshop culminated in the installation of an innovative wall system. Belter Tech was proud to work with the Locals to introduce Cem-Rock (magnesium oxide) boards and Belter Lite as a sustainable substitution for traditional wall systems. Belter Lite is a lightweight cementitious product, so it in particular is very applicable to the work being done by these Locals.

The purpose of this collaboration was to introduce sustainable new materials, ideas, and techniques to union workers, so that they can best understand the different product options they have while working in the industry, as well as their applications and how to utilize them. Additionally, this knowledge in conjunction with sustainable material use will set them ahead in the green initiative change.



Pictured above: Belter Cem-Rock wall assembly behind workers



Pictured above: Union workers handling Belter Product