

CORE NEWS

Diab

NEWSLETTER FROM Diab

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Welcome to our Newsletter! You just need a few minutes to stay up-to-date with the world of composite materials and we promise it is worth the read! In this issue you can read about Van Dam Custom boats, the installation of solar panels at our Ecuador plant, the next exhibitions in which Diab will take part, and learn more about our work with sustainability, among other things.

VAN DAM CUSTOM BOATS

Wooden boats with quality at their core

When a classic wooden boat design is combined with highly evolved engineering, magic happens. The experienced boat builders at Van Dam Custom Boats know exactly what it takes to make a truly unique boat using the best materials.



High-performance core materials

The cold molded process used at Van Dam Custom Boats affords owners a strong, lightweight vessel that is watertight and impervious to rot or cracking from swelling. Van Dam boats are built so that the raw wood never has to interact with, or react to, the element of water. "We build a variety of sizes and types of cold molded wooden boats and have had a relationship with Diab for over 10 years", says Steve Van Dam. "When we have had an application requiring a structural core, our go-to product has been Diab's Divinycell core material. We have used this product between wooden skins, and also with carbon fiber or glass fiber in certain applications."

Sunray - a motor yacht made of mahogany and core material

The boat will be built from mahogany with a displacement of 35,000 lbs. A core material is used in key areas such as the cabin and wheel house, allowing for a lighter boat that still has a beautiful wooden finish. "For Sunray, we will be using the HM80", says Ben Van Dam, "primarily for insulation in the Florida sun but also as a structural component between wood skins in the cabin sides and top."

UPCOMING EXHIBITIONS



ICSS-12 2018 (International Conference on Sandwich Structures)

...in Lausanne, Switzerland,
from August 19 to 22.

Stand no. TBD



China Composites Expo 2018

The 24th China International Composites Industrial Technical Expo

Shanghai World Expo Exhibition & Convention Center (SWEECC)
September 5 - September 7, 2018

China Composites Expo 2018

...in Shanghai, China,
from September 5 to 7.

Stand no. A315, Hall 1



AIX Boston 2018

...in Boston, Massachusetts, USA,
from September 25 to 27.

Stand no. 712



25 - 28 September 2018 | Hamburg

Wind Energy Hamburg 2018

...in Hamburg, Germany,
from September 25 to 28.

Stand no. A1.107

RENEWABLE NEWS

Diab Ecuador installs solar panels for night safety

The initiative appeared with the need to improve safety for our staff and assets during the night. During fire drills in the evenings it became obvious that light is crucial to a successful evacuation process. In adherence with our sustainability work, it was decided that solar cells were the best choice as they are environmentally-friendly and contribute to the reduction of electricity consumption from other sources.



The solar panels charge during the day and are programmed to automatically turn on at 6:30 pm and run until 6:30 am. A total of three solar panels have been installed: two at the front entrance and one at the back patio of the plant. The solar panels are 50 watts each and replace lamps of up to 400 watts due to LED technology, reducing the emission of heat to the atmosphere.

Low Maintenance and Costs

Solar panels have no running parts which means that maintenance can be kept to a minimum during the entire lifespan of the panels, which can be as much as 35 years. In addition, there is no running cost during the production of solar energy but the generation of power is free once the system has been installed.

DID YOU KNOW

Brochure updates

Both our Marine brochure and CCG brochure have been updated. Please check them out at our website: www.diabgroup.com under Knowledge - Downloads.



Miljöbron Skåne

Every year, Diab sponsors Miljöbron Skåne ("Environmental Bridge") with the aim to create a network together with university students and to find new business opportunities within the sustainability framework.



Miljöbron is a non-profit organization working for the competence development of both companies and students within the area of sustainability. The idea is to exchange research and up-to-date information to be able to work in a smarter, more long-term and sustainable direction. Miljöbron is supported by sponsors only.

Diab

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