

H8PP is the designation of one of several polypropylene structural boneycomb cores developed by Nida-Core for fabricating lightweight panels and parts.



NIDA-CORE (BOTH)

always given the core a modulus of 0, meaning he's relying on the *skins* for panel strength; the core is strictly for combating shear in flexure.

Most Sabre parts are hand-laid, and Nida-Bond adhesive holds the H8PP core in place; but along with its sister company, Back Cove Yachts, Sabre is moving toward infusion—for which H8PP is not recommended because the resin has difficulty migrating to both skins. Sabre and Back Cove are investigating other core products.

Nida-Core offers a number of cores that *are* suitable for infusion: Nida Fusion STO rigid urethane foam, and STF flexible foam for shaped structures. Both are closed cell to inhibit resin absorption, and feature 3D glass-fiber bridging.

Nida-Core, 541 NW Interpark Place, Port St. Lucie, FL 34986 USA, tel. 772-343-7300, fax 772-343-9700, on the Web at www.nida-core.com. Sabre Yachts, Hawthorne Rd., South Casco, ME 04077 USA, tel. 207-655-3831, fax 207-655-5050, on the Web at www.sabreyachts.com.

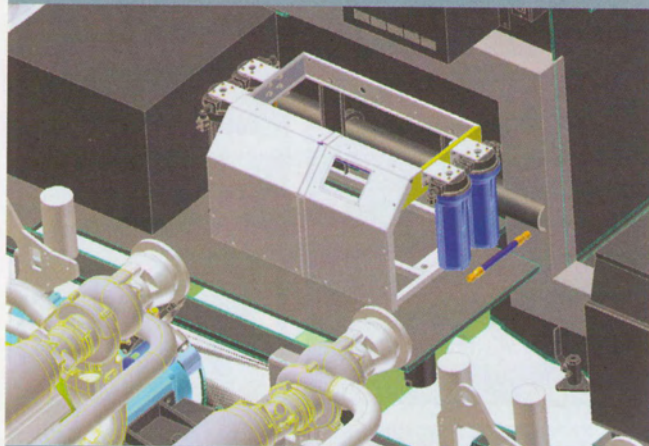
Innovative Accessories

Tallon, a New Zealand company, manufactures what it describes as an "integrated system of marine accessories." In 2007, that system won Tallon the National Marine Manufacturers Association innovation award in the hardware fittings category.

The system is based on two parts: a receiver that acts as a fixed lock, and an accessory device that acts as a movable key. Once inserted into the receiver, the accessory locks and unlocks in seconds, exactly like the key to your home. The beauty of the arrangement is that any number



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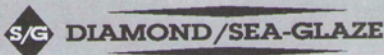
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TALLON MARINE

Tallon's clever attachment system allows the yard (or boat owner) to install a wide variety of marine accessories, including a champagne glass holder, rod rack, and LED anchor light, all removable in seconds.



Fitting an accessory to the boat is as simple as pushing a key in a lock: insert it at a 45° upward angle, push it downward, and lock it with a slight pull. Reverse the order to demount it.



JEAN-YVES POIRIER (BOTH)

Available in a vertical or horizontal position, this stainless steel eye has a locking cam that prevents accidental unlocking. It's designed for heavy-duty applications in which the receiver can bear loads up to 1,320 lbs/600 kg.

of receivers can be fitted anywhere on the boat, inside or out (but only on vertical surfaces), and all adapters can be used anywhere. These accessories are available in two formats: powered, and unpowered. The powered accessories have at the end of the key two electrical connectors compatible with onboard 12/24-volt circuitry; in the unpowered accessories, the receiver is specially designed to bear loads as high as 1,320 lbs/600 kg. All receivers, powered or not, are compatible with all keys, including stainless steel ones, so you can install your accessories anywhere, and swap them as you like.

Tallon Marine presently offers 18 accessories in four categories (or "ranges" in European parlance and countries of the former British Empire): entertainment, fishing and diving, attaching, and power. But, since the company's stated policy is one of continuous product development, new accessories are being developed, especially for fishing. Depending on mechanical or aesthetic requirements, materials vary from stainless steel to a tough nylon-reinforced plastic. Others, such as the bait table and dive-tank holder, are made of rugged polyethylene. Some attaching and fishing features are made of 316-grade stainless steel for a more stylish look and to best satisfy mechanical requirements of the particular application.

Tallon's system was first developed for installation by professional yards. But handy DIY boat owners will also find installation is straightforward and fast (five minutes or

less), and doesn't require any special tools: a 2" (50mm) holesaw, a 9/64" (3.5mm) drill bit, an electric drill, and a screwdriver. For powered receivers the installer has to connect wires, but it's a very basic job.

Receivers are sold in packs of two for retail sale, and in packs of six for professionals. The plastic models are available with polycarbonate black or white faceplates, with corresponding colored gasket seals and hatch grommets, while the stainless steel receivers come with a full metal faceplate and a pair of black/white seals.

As is, the Tallon Marine system is already quite mature, although some details could be improved. For example, the inside part of the receiver seems to have been folded after molding and then inserted in the base. Because there is no glue or sealant, a fine line is left open at the bottom where water can easily enter. Then at press time the company announced development of a new receiver with a backnut to completely seal the fitting. The backnut can be fitted to the original receiver as well as to a new receiver product, developed for inflatable boats.

Two-pack unpowered receiver units: \$89 (\$119 stainless). Six-pack unpowered receiver units: \$249 (\$339 stainless). Two-pack powered receiver units: \$119 (\$149 stainless). Accessories from \$9.95 to \$299.

Tallon Marine, 99 Ardmore St., Wanaka, New Zealand, tel. +64 3 443 4168. Tallon Marine, 375B Green Valley Rd., Griffin, GA 30224 USA, tel. 866-616-4063, on the Web at www.tallonmarine.com.

—Jean-Yves Poirier

Silica Substitute

From MAS Epoxies comes a product the company claims is superior in many ways to fumed silica. Its name: *Cell-O-Fill*, "a very pure form of paper pulp" that "has no



Because Cell-O-Fill, made from paper pulp, does not dust up when poured, personnel don't have to wear masks or respirators. Mixing Cell-O-Fill into the resin thickens and strengthens it.

MAS EPOXIES (ALL)

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