

## FLEXITEEK LAUNCH 2<sup>ND</sup> GENERATION OF SYNTHETIC TEAK DECKING

Two of the biggest problems associated with synthetic teak decking - heat retention in the sun, and heavy weight - have been resolved with the introduction of Flexiteek 2G™, the biggest innovation in the decking industry in over a decade, which received its first public viewing with the full spectra of colours at METS 2014.

### 35% LIGHTER THAN 1<sup>ST</sup> GENERATION SYNTHETIC DECKING

Flexiteek 2G also offers up to 35% weight saving over rival synthetic decking systems, making it of special interest to owners of performance yachts, multihulls and power-boats.

Fitted on a:

- Hanse 455 - you save 52 Kg
- Hanse 575 - you save 110 Kg
- Leopard L58 - you save 120 Kg
- XO 270 Front Cabin - you save 22 Kg

in weight over rival synthetic decking, including Flexiteek's original synthetic teak but the weight saving is just one of many things that have been improved.

### OUTSTANDING THERMAL CONDUCTIVITY

This 2<sup>nd</sup> generation synthetic teak decking has, along with improving the heat reflecting properties, also been developed to reduce thermal transfer in hot climates. Flexiteek 2G cools 30% faster than traditional synthetic decking, allowing you to walk across it barefoot, just as if it was natural wood. In physics, thermal conductivity (often denoted  $k$ ,  $\lambda$ , or  $\kappa$ ) is the property of a material to conduct heat. Iron has as high as 55 W/m/K while Epoxy has around 1.2 W/m/K. The test done has proven Flexiteek 2G to have as low a thermal conductivity as 0.158 W/m/K while a competitor and Flexiteek 1G had 0.222 W/m/K.

### UNIQUE DESIGN

Flexiteek 2G has the unique look and feel of teak decking but without the problems of keeping it clean. This 2<sup>nd</sup> generation decking is available in the same colours and finishes as the 1<sup>st</sup> generation which mimic natural teak perfectly

- Bleached teak
- Weathered teak
- New teak
- Scrubbed teak
- Off-white
- Carbon black

Flexiteek 2G is fully recyclable, made using REACH compliant phthalate free plasticizer.

### THE NEXT GENERATION

Pat number US 6,895,881 Europe EP 1196672, Canada 2,377,960

Benefits of Flexiteek 2G:

- Lighter weight, up to 35% lighter than similar products.
- Cooler and cools 30% faster.
- Flexiteek originated synthetic teak marine decking and remains the market leader with worldwide patents.
- Flexiteek does not require sealing, is stain resistant and unlike teak, can be jet washed.
- Flexiteek retains its color and look and doesn't fade like teak.
- Flexiteek is a welded system without glued joints and thus waterproof.
- Flexiteek reduces sound and noise.
- Flexiteek has low combustibility.

## FLEXITEEK 2G COMPOSITE DECKING - THE NEXT GENERATION

For more press photos and information, please contact:

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