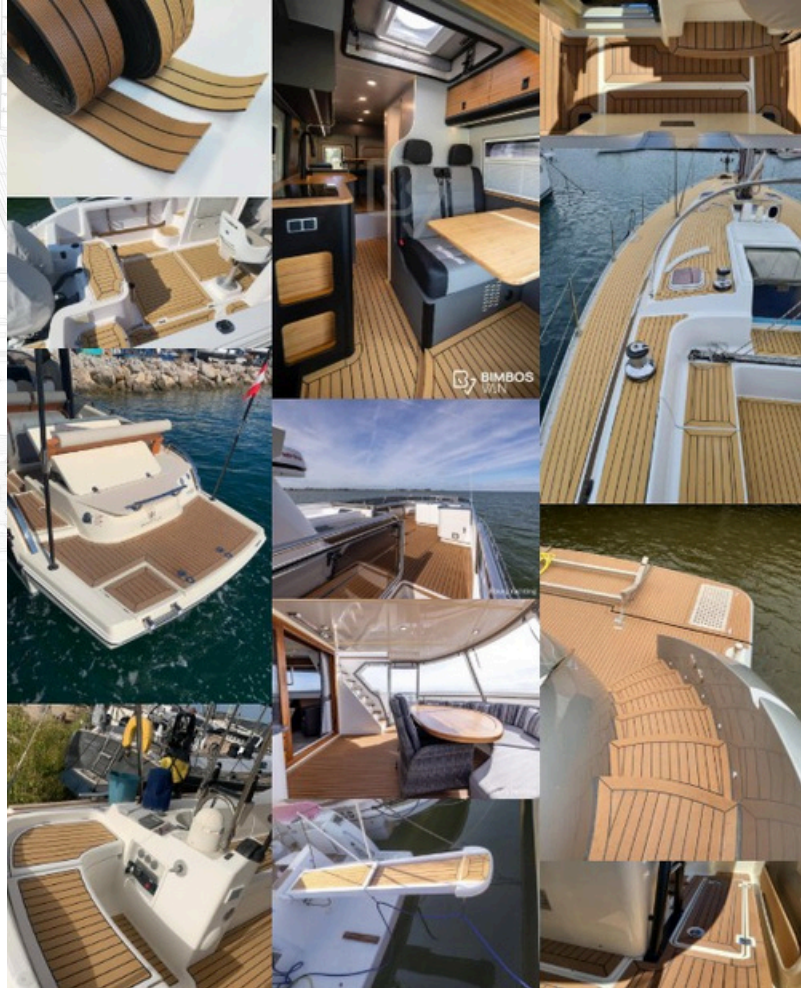


ISOTEAK

SYNTHETIC TEAK DECKING

Isoteak is artificial synthetic teak made of original PVC based composition. We proudly offer you decking material made with a respect to design and traditions of shipbuilding. ISOTEAK synthetic teak decking is designed for covering boat decks, motorhome floors, for use as anti-slip floor coverings, and for decorative finishes that imitate teak wood texture.

1. ABOUT ISOTEAK SYNTHETIC TEAK DECKING



2. ISOTEAK SYNTHETIC TEAK KEY ADVANTAGES

CLASSIC APPEARANCE

It looks almost like real teak and gives a boat supreme and classic look.

ANTI SLIPPING

ISOTEAK has texture that prevents slipping on dry and wet surfaces

NO SCREWS

We don't screw ISOTEAK. This eliminates possibility of perforations a deck during installation.

DOUBLE LOCK PROFILE

This lock allows the profiles to be glued together and then welded for greater reliability.

PRO & DIY USAGE

Suitable for both professionals (with the use of hot welding) and for self-laying without welding, only with the use of glue.

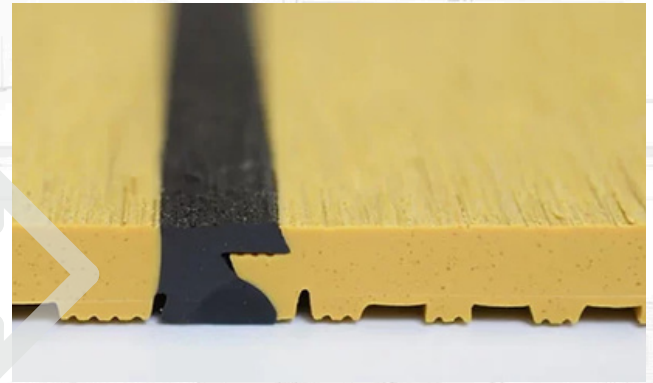


3. PRO DECK PROFILE DESIGN

The Isotek Pro Deck system is thought out to detail. Developing the system we took into account all advantages and disadvantages of competitors. It perfect for both professional installers and self-installation without a welding process.

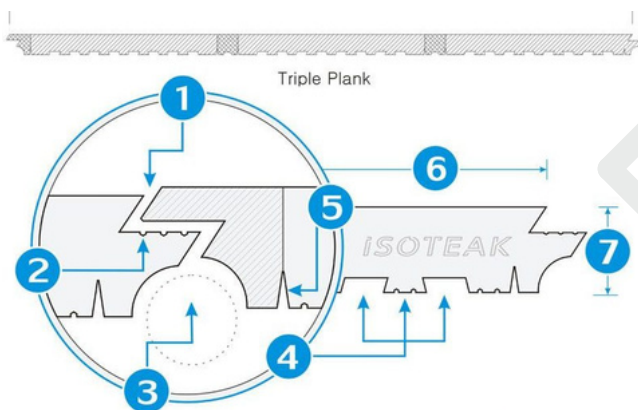
DOUBLE SEAM FOR GREATER RELIABILITY

When developing our profile, we paid particular attention to the reliability of the interlocking profiles. We have developed a unique lock with a double connection. This lock allows the profiles to be glued together and then welded for greater reliability. In our final products, such as sheets or ready-to-install panels, we use double profiles bonding, first we glue the profiles together with a water-resistant adhesive and then we weld the seam.



IMPORTANT PROFILE DESIGN DETAILS

- #1. Reliable tongue-and-groove connection allows installation of the material with or without hot welding. The original tongue-and-groove connection prevents any splitting of profile joints.
- #2. Joint surface with micro-grooves for easy glue application. The micro-grooves prevent glue from dripping, help to distribute glue more evenly, and also reduce penetration of the glue onto the material surface.
- #3. The welding/compensation groove allows to weld the material reliably with welding rod. In a case of installation without welding, it works as a joint compensator, removing excess sealant and air into the groove cavity. It improves the quality of laying and simplifying installation.
- #4. The unique bottom pattern with multidirectional grooves ensures perfect contact with sealant and deck. Also it prevents accumulation of air bubbles under material. Bottom pattern has optimal depth so it's not necessary now to caulk the edges.
- #5. Notch marks make it easy when you need to cut the profile along accurately.
- #6. The optimal profile width of 150 mm designed to reduce labor costs by 30% then in other systems.
- #7. The material has good flexibility to repeat the side bends of the decks and make installation simpler. Material thickness of 5mm is optimal for a durable and lightweight decking.



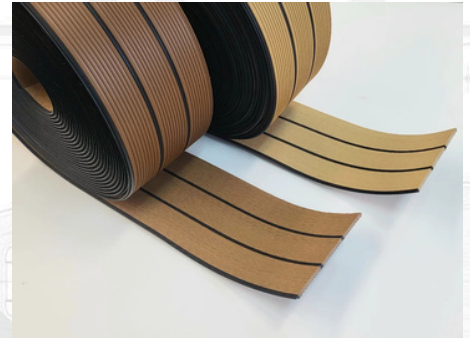
4. PRO DECK SYSTEM

The Isoteak Pro Deck profile system allows you to create professional deck coverings of any configuration. It consists of three basic profiles and additional accessories for manufacturing decking parts using welding and gluing.

TRIPLE PLANK PROFILE

The main unit of the Isoteak Pro Deck system is a three-layer profile (triple plank) 150 mm wide, consisting of three strips 45 mm wide each and black/white 5 mm caulking between them. Profiles can be joined together using a lock at the ends of the profile with glue or welding.

* Packaging: 20-metre roll, equivalent to 3.0 m², in a cardboard box measuring 40 x 40 x 17 cm and weighing 17 kg



BORDER PROFILE

The border profile allows you to create details in classic teak yacht design by means of framing. The profile is 60 mm wide and consists of a 55 mm teak layer and a 5 mm black strip with a welding lock.

* Packaging: 25-metre roll, 3 pcs in a cardboard box measuring 40 x 40 x 20 cm and weighing 25 kg



WIDE PROFILE

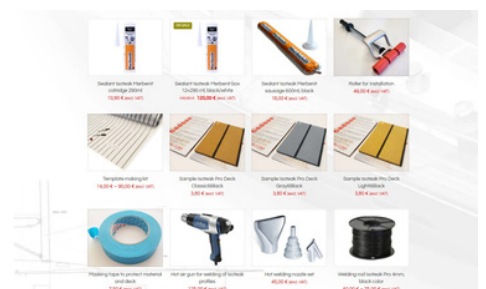
The wide profile 190 cm wide can be used to create joint strips in the centre of the boat, for example in the bow. In addition, the wide profile is used to cut out frame details, such as curves.

* Packaging: 25-metre roll in a cardboard box measuring 40 x 40 x 20 cm and weighing 28 kg. Available to order by the metre



ACCESSORIES

Various accessories and materials for working with Isoteak decking. Everything you need for welding panels, adhesives for gluing, film for making templates, an installation rollers, and welding tools.

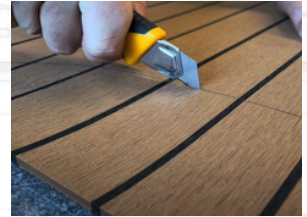


5. Processing methods

In this section, you will find information about methods for processing Isotek decking, such as cutting, gluing and welding. Isotek is fairly easy to process using hand tools, but it also processes well on machines.

CUTTING WITH A HAND TOOL

For manual cutting of the material, you can use universal durable knives with replaceable blades. The material is easily cut with such a knife at a temperature of 25 degrees Celsius. If you want to cut in cold conditions, simply warm up the cutting line with a hot air gun.



CUTTING WITH A HAND ROUTER

You can use hand routers to cut and process the edges of the material. Keep in mind that processing PVC material differs from processing wood, so first test your router on a sample piece of material. We recommend cutting with 6 mm downcut cutter to ensure a cleaner upper edge of the cut.



CUTTING WITH A CIRCULAR SAW

You can use table or hand circular saw to cut the Isotek. To cut material on a circular saw, you can use saw blades for both cross-cutting and rip-cutting. Keep in mind that processing PVC material differs from processing wood, so first test your saw on a sample piece of material.



CUTTING WITH A CNC

Our material can be cut on CNC machines using milling cutters or oscillating knives. For precise cutting, we recommend using a vacuum clamp and working at reduced feed rates.



HOT WELDING

The material is securely welded together using hot welding with our Isotek welding rod, forming waterproof seams (when welded correctly). Welding process requires a high-performance hot air gun with digital temperature control, which you can purchase from us. Please check the welding modes with us before starting work.



INSTALLATION (GLUING)

Isotek is glued to the deck using polyurethane adhesives. We recommend using single-component MS polymer adhesive sealants that we have tested, as well as two-component polyurethane adhesives that we recommend.



6. PRODUCT SPECIFICATION

ISOTEAK PRO DECK SYSTEM	Pack	Classic Teak	Light Teak	Gray
Triple Plank 150mm Pro Deck	20,0 m 3,0 m ²	IPS-CB-TP150	IPS-LB-TP150	IPS-GB-TP150
Border Profile 60 mm Pro Deck	25,0 m	ICB-P60-25	ILB-P60-25	IGB-P60-25
Border Profile 60 mm Pro Deck Box	3 x 25,0 m	ICB-P60-BOX	ILB-P60-BOX	IGB-P60-BOX
Wide Plank 190 mm	1,0-10,0 m	ICB-P190	ILB-P190	IGB-P190
Wide Plank 190 mm Box	25,0 m	ICB-P190-BOX	ILB-P190-BOX	IGB-P190-BOX



CLASSIC TEAK COLOR



LIGHT TEAK COLOR



GRAY COLOR

The standard warehouse program is classic teak color, light teak color and gray color with black stripes. Material with white stripes is available on request. For large orders, we can manufacture any combination according to your request.

Accessories	Pack	Vendor Codes
Isoteak Pro Deck Welding Rod 4mm	100 m	IPD-WR-B-100
Corner Connecting Profile 5x5 mm	1,0 m	IPD-CP-B
Hot air gun for welding	1 pc	AWG-S2020
Hot welding 3 nozzle set	set	AWN-3
Template making kit	1,0-10,0 m	ATK
Roller for installation	1 pc	ART-200
Sealant adhesive MB55, 290 ml	12 cartridges/box	MB55-290-12x-Black / White
Sealant adhesive MB55, 600 ml	12 sausages/box	MB55-600-12x-Black / White
Marocol 2K PU adhesive	6-kg bucket	

Derivative products		Vendor Codes
Isoteak Pro Deck Sheets, custom size	m ²	-
Ready-to-install panels by template	set	-
Isoteak Tabletop, various sizes	1 pc	-