

# THRUFLOW™

*Premium Decking System*

The complete decking system for  
**DOCKS, DECKS, STORAGE, WALKWAYS.**  
Virtually any indoor or outdoor application!



ThruFlow™ is a finished decking system designed to be beautiful, maintenance free, long lasting and easy to install. It's ideal for walkways, docks, steps or any flooring structure.

*The ThruFlow™ design minimizes damage from wind and surge effects and helps protect marine life by allowing light and water to flow-thru walkways.*



## ADVANTAGES

The ThruFlow™ decking system offers a number of advantages over traditional decking.

- No Maintenance
- UV and Static Electricity Protection
- Superior Load Bearing Capability
- 360 Degree Non-Slip Surface
- Strong, Durable and Lightweight
- Available in 3, 4 and 5 foot lengths
- Barefoot Friendly
- Pre-Drilled and Countersunk for Easy Installation
- Allows Sunlight, Water and Debris Through
- Helps Minimize Storm Surge and Wave Effects
- Stays Cool Even in the Hot Summer Sun
- ACOE Approved
- ADA Compliant



**BEAUTY, COMFORT  
AND NO MAINTENANCE.**



## APPLICATIONS



DOCKS



DECKS

The ThruFlow™ interlocking decking system is ideal for docks, due to its complete fresh and saltwater tolerance and anti-slip surface. ThruFlow's™ sunlight and water penetration helps keep vegetation alive, minimizing the effects on the environment. The design also minimizes storm damage from wind and surge effects.

ThruFlow™ panels are UV resistant and therefore keep your deck looking new for many more years than other building materials. ThruFlow™ is resistant to rot and insects, and absolutely no treating is required. ThruFlow™ panels come in a variety of colours to suit the look of your home.



WALKWAYS



ATTICS

ThruFlow™ panels allow debris to pass through your walking surface, keeping your walkway clean. Its non-slip strength and durability are enough to take the punishment of any high-traffic walkway. A ThruFlow walkway allows access to your property with minimal environmental impact.

Increase the usable space in your home with the ThruFlow™ system. Ventilated panels keep air flowing, while allowing you to walk freely throughout your attic and increase storage space. Use Thruflow for basement storage and keep your valuables "High and Dry".

## CONSTRUCTION TIPS

- 1. If possible, always lay out the panels on your job with a minimum of screws before you completely fasten the panels.***
- 2. To ensure that you do not over tighten screws try using a sheetrock or drywall screw attachment or gun.***

***THRUFLOW™ FITS YOUR MAINTENANCE FREE LIFESTYLE***



## PRODUCT DATA

Material	Reinforced Polypropylene (ThruFlow™ is lightweight in comparison to other building materials)
Size	1' x 3', 1' x 4' and 1' x 5'
Load	Exceeds commercial construction requirements
Colours	Light Grey, SeaFoam and Maple
Ultraviolet Protection	Industry leading UV protection
Lightweight	at only 1.35 lb/ ft2 thruflow is up to 70% lighter than other decking products
Open Design	Unparalleled light penetration and surge protection.
Safety	360° engineered non-slip surface
ThruFlow™ Warranty	Limited Warranty

(For comprehensive test results and specifications visit [www.thruflow.com](http://www.thruflow.com))

## INSTALLATION

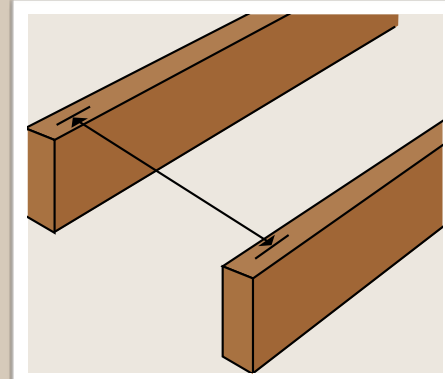
It is important that the configuration of the supporting members be designed to ensure independent structural integrity prior to installing ThruFlow™. Specifications for ThruFlow™ are available online at [www.thruflow.com](http://www.thruflow.com).

**CODES and STANDARDS:** Always conform to your local building codes and the requirements of all authorities having jurisdiction.

**SAFETY:** Protective safety equipment is always recommended, e.g. eyewear, safety boots.

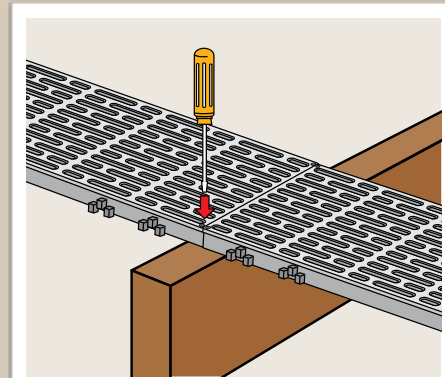
**FASTENERS:** We recommend high quality screws, such as #10 or #12, pan head stainless steel screws to take advantage of ThruFlow's™ longevity. Pre-drilling is not required, as the holes are molded in with a countersink for your convenience; screws should be clear through the panel and fastened into the structure of your structural frame. Remember not to over-tighten the screws to allow for expansion or contraction.

**GAPPING INSTRUCTIONS:** While ThruFlow™ Interlocking Panels will not shrink or swell due to changes in moisture, changes in temperature will cause slight expansion/contraction. Therefore, gapping is required both side-to-side and at the panel ends to allow for thermal expansion/contraction. Rules of Thumb: ThruFlow™ Interlocking Panels should be allowed to grow a minimum of 1/16" in total length (1/32" each end) and 1/32" in total width (1/64" per side) for every 30°F of difference between installation temperature and the hottest temperature expected. In cold climate regions, gapping due to contraction of plastic will occur during colder temperatures in the exact reverse proportions of those described above. Coefficient of Linear Thermal Expansion data for the panels is available at [www.thruflow.com](http://www.thruflow.com) on the specifications page.



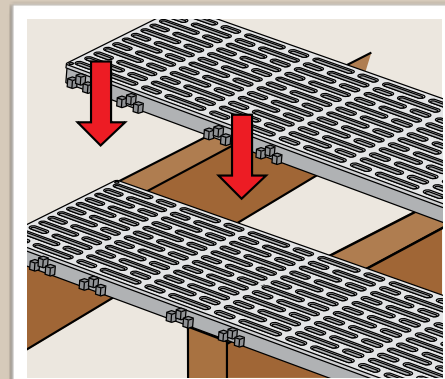
STEP 1

Substructure to be constructed with cross-members equally spaced on 18" centres (3' planks), 16" centres (4' planks) and 15" centres (5' planks).



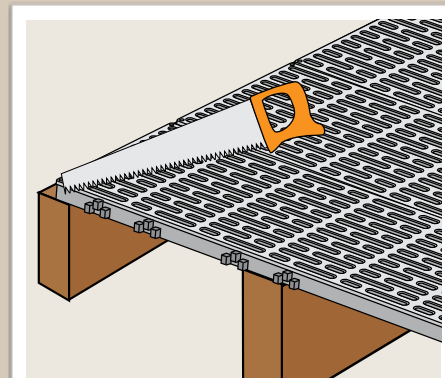
STEP 2

Lay the first ThruFlow™ on the substructure and fasten using a pan head screw. Don't overtighten screws.



STEP 3

Using the interlocking system, lay the next ThruFlow™ panel and repeat the fastening process.



STEP 4

To finish the installation, remove the last row of interlocking tabs, using any traditional hand or electric saw.

# LIMITED WARRANTY

ThruFlow, Inc. (hereinafter sometimes referred to as "Seller") provides to the original residential or commercial, wholesale or retail purchaser of ThruFlow™ Decking Materials (hereinafter sometimes referred to as "Buyer") with the following limited warranty:

Seller warrants that the product sold is in accordance with Seller's current published specifications, and/or those specifications agreed to by Seller in writing at the time of the sale, and shall be free of defects in workmanship or material under normal usage. Seller's obligation and liability under this warranty is expressly limited to repairing, replacing or tendering a credit against the purchase of, at Seller's option, ThruFlow™ Decking Materials which do not meet the specifications, or are not free from defects in workmanship or material during the following time periods: **ThruFlow™ GFPP Panel** Twelve (12) years.

Under no circumstances shall Seller be liable for any special, incidental or consequential damages, including but not limited to, personal injury, property damage, damage to or loss of product, or lost profits or revenue. The purchase price for ThruFlow™ Decking Materials constitutes a consideration in limiting Seller's liability and Buyer's remedy.

**SELLER MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND MAKES NO WARRANTY OF MERCHANTABILITY OR FOR FITNESS FOR ANY PARTICULAR PURPOSE AND THIS LIMITED WARRANTY IS IN LIEU THEREOF.**

The quality of ThruFlow™ Decking Materials shall be in accordance with Seller's specifications. A final determination of the suitability of product for the use as contemplated by Buyer is the sole responsibility of Buyer, and Seller shall have no responsibility in connection with such determination of suitability.

This limited warranty shall not apply to any product subject to misuse due to common negligence or accident, nor to any product made by Seller not used in accordance with the printed instructions or specifications of Seller, or that have been used beyond the represented and rated capacity of ThruFlow™ Decking Materials. Seller does not warrant against, and is not responsible for any condition attributable to the improper installation of ThruFlow™ Decking Materials, and/or failure of Buyer to abide by installation guidelines for ThruFlow™ Decking Materials, including but not limited to, the use of ThruFlow™ Decking Materials beyond normal commercial use, or in an application not recommended by ThruFlow™ Decking Materials guidelines and/or local codes, movement, collapse or settling of the ground or supporting structure on which ThruFlow™ Decking Materials are installed, improper handling, storage, abuse or neglect of ThruFlow™ Decking Materials by Buyer or third parties.

This limited warranty is applicable only to those parties heretofore mentioned, and is not assignable, transferable, nor will it inure to the benefit of anyone other than the original residential or commercial, retail or wholesale purchaser.

This warranty gives Buyer specific legal rights, and Buyer may also have other rights that vary from State to State. The limitations or exclusions set forth in this limited warranty may not apply to all Buyers, as some States do not allow the exclusion or limitation of incidental or consequential damages.

## WARRANTY PROCESS

ThruFlow, Inc. will repair, replace, or tender credit against further purchases, at its sole discretion, of any ThruFlow™ Decking Materials that are defective in material or workmanship. Repair work or replacement of ThruFlow™ Decking Materials will be at no charge to the original Purchaser. In order for Buyer to avail itself of warranty obligations on the part of Seller, Buyer must:

- I. Send by certified mail, the original purchase invoice/receipt indicating the date and location of purchase by original Purchaser to:  
700 Gillard Street, Wallaceburg, Ontario, N8A 4Z5.
- II. Provide Seller the reasonable opportunity to inspect all ThruFlow™ Decking Materials claimed to be defective or damaged under the terms of the warranty.

Seller must concur that ThruFlow™ Decking Materials are defective, Seller shall deliver to the original Purchaser, at Seller's expense, all repaired or replacement ThruFlow™ Decking Materials. Seller shall not be liable for any installation or reinstallation costs.

## THRUFLOW™ Premium Decking System

700 Gillard Street  
Wallaceburg, Ontario N8A 4Z5  
Canada

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Website: [www.thruflow.com](http://www.thruflow.com)



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