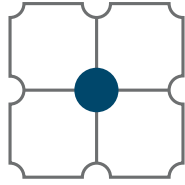


TacFast

Advanced Installation Solutions



TacFast Systems International



TacFast®

Advanced Installation Solutions

TacFast® Advanced Installation Solutions is a universal flooring installation technology built on a solid base of proprietary technology which is fundamentally differentiated from the competition.

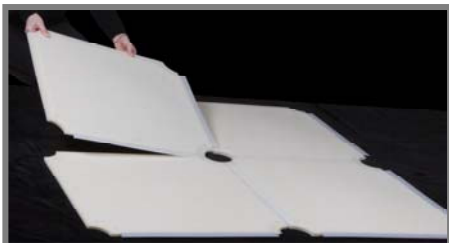
TacFast® Advanced Installation Solutions target all market segments and end-use requirements with a single core technology based on “hook and loop” – a unique and truly versatile element as a means of fastening. TacFast® Advanced Installation Solutions feature a free-floating substrate with a hook element covering its surface and a surface covering material with a loop fabric covering its underside.

The surface covering material is attached to the hook substrate by engaging the hooks and loops creating a mechanical bond that holds the surface covering in place securely, yet is releasable. And, the universality of the installation system allows a multitude of different surface coverings such as broadloom, carpet tiles, luxury vinyl tiles and planks, vinyl sheet, engineered wood and more, to be compatible with various TacFast® substrate products. These surfaces can be installed on their own or integrated with one another to create a floor that is both visually appealing and strategically designed for use and for future retrofits. And, as the installation method is universal, there is no need for transitions!



LocPlate™ Products

The LocPlate™ product line is a free-floating modular floor that can be installed over any sub floor, without any attachment to that sub floor, and support the installation of all surface coverings that have a compatible loop underside.



LocPlate™ products are composed of a series of interlocking hook plates and discs. The hook plates and discs are made from injection-moulded polypropylene, an inert resin, and are covered with thousands of industrial-strength hooks. The hooks are designed to provide high shear and tensile strengths to ensure that the surface remains in place while the hook and loop engagement is fully releasable due to minimal peel strength.

For underfoot comfort or an anti-fatigue solution, a cross linked, closed-cell polyethylene cushion can be ultra-sonically welded to the underside of the LocPlate™ products.

The Environment

This free-floating environmentally responsible hook substrate eliminates the need for adhesives and other installation materials. Made from polypropylene, the LocPlate™ products are inherently hygienic as they will not absorb moisture so they will not promote the growth of mould, mildew, bacteria or fungus. Requiring no adhesives and good for hundreds of closures, hook and loop mechanical fastening is both functional and environmentally sensitive. The LocPlate™ products can be moved, reused and recycled. The LocPlate™ products are warranted for 25 years and then they can be recycled into “new” LocPlate™ products as they are truly cradle-to-cradle.

Advanced Installation Technology

TacFast® Advanced Installation Solutions fundamentally changes the methods and techniques used in the installation of flooring products and is nothing short of revolutionary. Free-floating hook substrates eliminate the need for adhesives and provide installers with fail-safe installations. There are limited training requirements and the skill level required to install floor coverings can be standardized using hook and loop technology. Repairs are easy to achieve, as the floor covering is never placed in jeopardy resulting in claim reductions. And, with little or no sub-floor preparation required, both the time and the costs associated with installing floor coverings are also reduced.



The TacFast® Advanced Installation Solutions Advantage:

- World’s first and only free-floating detachable attachment system
- Universal means of fastening floor coverings
- Install LocPlate™ products over concrete, plywood, hardwood, ceramic, vinyl and even direct glue-down (without cushion)
- Cost competitive on initial installation
- Up to 70% cost reduction for the second and every other installation thereafter
- Environmentally superior – recyclable, reusable and no glues whatsoever
- Fail-safe installation system – never putting surface covering materials at risk
- Significant reduction of down-time and upheaval when changing floor surfaces
- Unlimited surface integration and design capabilities
- Eliminates loss of sales during retrofits
- Addresses the global installer labour shortage



LocPlate™ Product Specifications

	LocPlate™ Products (No Backing)	
	Hook Plate	Disc
Construction	100% Polypropylene	100% Polypropylene
Overall Size	63.5cm x 63.5cm (25" x 25")	15.2cm (6")
Hook Surface Size	60.96cm x 60.96cm (24" x 24")	15.2cm (6")
Weight	0.846 Kg (1.87 lbs)	0.032 Kg (0.07 lbs)
Thickness	0.24cm (0.09")	0.24cm (0.09")
Number of Hooks	120,000	6,000
Hook Density	35cm ²	35cm ²
Hook Height	0.06cm (0.02")	0.06cm (0.02")
Flatness Tolerance (time of installation)	3mm (1/8")	1.6mm (1/16")

Hook Integrity (Hook & Loop Engagements)

Surface Product	Lamination Method	Closures
Carpet	In-Line Loop Lamination	100's
	Off-Line Loop Lamination	
LVT & LVP	In-Line Loop Lamination	100's
	Off-Line Loop Lamination	
Vinyl Sheet	In-Line Loop Lamination	
	Off-Line Loop Lamination	
Engineered Wood	In-Line Loop Lamination	
	Off-Line Loop Lamination	
Parquet	In-Line Loop Lamination	
	Off-Line Loop Lamination	

Weight (LocPlate Installed)

	kg/m ²	lbs/sq.yd.
Hook Plates & Discs	2.1	4
Hook Plates & Discs (with 3/8" foam)	2.4	4.5
Hook Plates & Discs (with 20oz. Fleece)	2.5	4.6

General Information LocPlate

Manufacturing Facility	Hook Plates and Discs are manufactured in an ISO 9001:2000 facility
Surface Material	Engineered Polypropylene with TacFast Hook (3mm thick)
Hook Density	35 hooks/cm ² (Hooks are mushroom-shaped with a head diameter of 1mm on a 0.5mm stem diameter)
Loop Density	30 loops/cm ²
Assembly & Disassembly of Hook Plates & Discs	Discs can be locked and unlocked 100 times.
Gaps & Holes in sub-floor	Allowable tolerance for hook substrates - Width: 9.6mm (3/8")
Telegraphing	Allowable tolerance for telegraphing to surface - Height:

Floor Undulations (Flatness tolerance of sub-floor)	Span Length	Tolerance
	2'	1.6mm (1/16")
	3'	4.8mm (3/16")
	10'	12.5mm (1/2")

Warranty 25-year Limited Warranty