



Fastener & Hidden Clip Compatibility for Ipe

Contractor Quick Sheet

■ Stainless Steel Grade Requirements

Environment	Recommended Grade	Notes
Standard Residential	305 SS	Cost-effective; excellent corrosion resistance
Coastal (within 1 mi of salt)	316 SS (Marine)	Contains molybdenum for salt resistance
Pool Deck / Chlorine	316 SS	Resists chlorine-induced corrosion
Dock / Saltwater Contact	316 SS	Required for submerged or splash zone

■ IMPORTANT: Never use galvanized, zinc-plated, or carbon steel fasteners with Ipe. They will corrode and stain the wood.

■ Hidden Fastener Systems Compatibility

System	Thickness	Groove?	Gap	Ipe OK?
Ipe Clip® Extreme	¾"–1"	Yes	3/32"	✓ Recommended
Ipe Clip® Extreme Tall	1"+	Yes	3/32"	✓ Recommended
Ipe Clip® ExtremeKD	All	Yes	1/4"	✓ Yes (kiln-dried)
Ipe Clip® ExtremeS	All	Yes	5/32"	✓ Yes
CAMO Edge	¾"+	No	3/16"	✓ Yes*
Tiger Claw TC-G	5/4+	Yes	Varies	■ Use caution

*CAMO: Pre-drilling strongly recommended. Use 316 SS screws near salt water.

■ Groove Specifications for Hidden Clips

Fastener System	Groove Width	Groove Depth
Ipe Clip®	5/32" (4mm)	5/16" (8mm)
Standard Biscuit (#20)	5/32"	5/16"

Pre-grooved decking is available from most suppliers — eliminates need for biscuit joiner on site.

■ Face Screw Specifications



Fastener & Hidden Clip Compatibility for Ipe

Contractor Quick Sheet

Screw Size	Pilot Hole	Countersink	Applications
#7 × 2¼"	7/64"	3/8" (optional)	1x boards
#8 × 2½"	1/8"	3/8" (optional)	5/4x boards
#10 × 3"	9/64"	3/8" (optional)	2x boards, structural

Drive Type: T15 or T20 Torx (Star Drive) — prevents cam-out

■ Fastener Quantity Estimator

Method	Per 100 sq ft	Notes
Face Screw (2 per joist)	~350 screws	16" O.C. joists, 6" boards
Hidden Clip	~175 clips	1 clip per joist intersection
CAMO Edge	~350 screws	2 screws per board per joist

■ Pro Tips

1. **Pre-drill EVERY hole** — Ipe's density will snap screws and split boards without pilot holes
2. **Let the screw do the work** — Don't push down; stainless steel is softer and will strip
3. **Use correct torque settings** — Avoid over-driving; use depth setter if available
4. **Seal all cuts immediately** — Apply end grain sealer (e.g., Anchorseal) to prevent checking
5. **Acclimate boards** — Store on-site 7–14 days; stack with shims for airflow

Always verify with local building codes. This guide is for reference only.