KAST
ATTACHMENT SOLUTIONS

Made from a single piece of aluminum, the patent-pending KAST™ Connect™ attachment is the strongest, lowest-cost waterproof attachment - confidently delivering maintenance-free performance for the life of the system.

SUPERLATIVES

The Strongest:

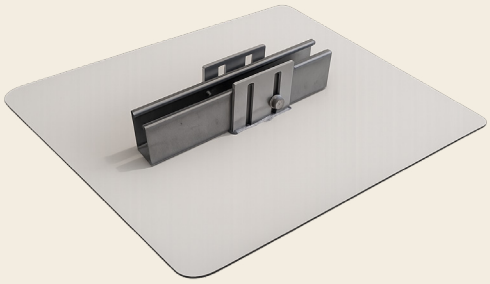
KAST Connect delivers 3X–5X greater tensile and shear strength. Its Fin design distributes load to preserve strength over time, unlike bolt systems that concentrate stress and weaken.

The Simplest:

Fin technology and the Dual Spring Nut enable the fastest, easiest power-free installation. Each kit includes everything needed, with just two waterproofing options for simple, worry-free compatibility.

The Lowest Cost:

Competitor installations often cost over 2X the attachment due to power and special tools. KAST Connect delivers the lowest installed cost and requires no maintenance or monitoring — making it the lowest total cost of ownership.



PROPERTIES

SHEAR* - FIN DIRECTION*
16,472 lbf (73.3 kN)

TENSILE*
9,270 lbf (41.2 kN)

Shear* - Cross Fin*
13,511 lbf (60.1 kN)

Compression Surface Area†
121 in² (781 cm²)

**Tested in accordance with ICC AC467.* *†Effective area in contact with substrate during a shear event*

INSTALL TIPS

(+) Refer to installation guides & specs for full details.

(+) Membrane must be clean; supplied primer is not a cleaner.

(+) Laminate & OPP install best at room temperature.

(+) Loosely lay laminate or scrim on the Connect prior to equipment fitting

WATERPROOFING

	BUR	SBS	APP	PVC	TPO	EPDM
Liquid Membrane	ONE PART POURABLE (OPP) + SCRIM					
Laminate						

**Manufacturer specific and custom solutions available upon request*

ENVIRONMENTAL + LEED

	KAST™ Connect™	Laminate	Liquid Membrane	Membrane Primer
Recycled: Pre-Consumer	0%	n/a	n/a	n/a
Recycled: Post-Consumer	0%	n/a	n/a	n/a
VOC Content	n/a	n/a	n/a	693 g/l (EPA Method 24)
SRI	n/a	95	n/a	n/a
HazMat Designation	None	None	None	None (Limited Quantity)

KIT CONTENT + PACKAGING

	Laminate	Liquid Membrane
Connects/Box	(8) Connects	(6) Connects
Enclosed Box*+	(1) Membrane Primer (5oz) (8) Rags	(1) OPP Pouch + (6) die-cut scrim pieces (2) T-Joint scrim pieces (1) 5 oz Can of Membrane Primer + (6) rags (1) 3” Paintbrush + painter's tape
Attached Mailer*	(8) Laminate Patches (2) T-Joint patches	n/a
Fastening System	(8) Dual Spring Nuts (16) Fasteners	(6) Dual Spring Nuts (12) Fasteners

PACKAGING SPECS

	Box Dimensions	Box Weight (lbs)	Pallet Dimensions	Pallet Weight (lbs)	Boxes/Pallet
Laminate	15” L x 17” W x 14” H (38.1 cm L x 43.2 cm W x 35.6 cm H)	28 LBS (12.7 KG)	45” L X 51” W X 56” H (114.3 CM L X 129.5 CM W X 142.2 CM H)	1058 LBS (479.9 KG)	36
Liquid Membrane	15” L x 17” W x 14” H (38.1 cm L x 43.2 cm W x 35.6 cm H)	32 LBS (14.5 KG)	45” L X 51” W X 56” H (114.3 CM L X 129.5 CM W X 142.2 CM H)	1202 LBS (545.2 KG)	36

STORAGE

	KAST™ Connect™	Laminate Mailer	OPP	Primer
Shelf Life*	n/a	18 months	12 months†	12 months
Storage Conditions	n/a	Indoors, out of direct sunlight in original packaging	Indoors, out of direct sunlight, factory sealed pouch	Indoors, out of direct sunlight, factory sealed container
Temperature Range	n/a	60°F - 80°F (16°C - 27°C)	**(+)** Apply at room temperature **(+)** Will not freeze	**(+)** 40°F - 90°F (4.4°C - 32°C) **(+)** Prevent from freezing
Exposure Window	n/a	n/a	**(+)**Squeeze excess air from pouch prior to replacing cap **(+)** Properly stored, opened product can be used for up to 30 days	**(+)** Keep tightly closed when not in use **(+)** Primer may gel within 24 hrs

**Shelf life is from the date of manufacture*

†Elevated temperature and/or humidity will significantly reduce shelf life

WARRANTY

20 year material warranty available standard

** Roof manufacturer warranty may be available **Additional length and warranty terms may be available*