

Made from a single piece of aluminum, the patent-pending KAST™ Connect HD™ attachment is a revolutionary system for industrial support and attachment - confidently delivering maintenance-free peace of mind for the life of the system.

SUPERLATIVES

The Strongest:

KAST Connect HD delivers tensile and shear values like a structurally attached support without the invasive penetration. It is at least 3X stronger than any other non-penetrating attachment.

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:

Other solutions are often invasive and/or heavy and always expensive. Connect HD delivers the lowest installed cost and requires no maintenance or monitoring for even lower total cost of ownership.



PROPERTIES

Shear* - Fin Direction*
20,644 lbf

Tensile*
10,965 lbf

Shear* - Cross Fin*
18,644 lbf

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) Connect HD units	(6) Connect HD units
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 (1) 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 <small>(38.1 cm L x 43.2 cm W x 35.6 cm H)</small>	36 LBS <small>(16.3 KG)</small>	45" L X 51" W X 56" H <small>(114.3 CM L X 129.5 CM W X 142.2 CM H)</small>	1346 LBS <small>(610.6 KG)</small>	36
Liquid Membrane	15" L x 17" W x 14" H <small>(38.1 cm L x 43.2 cm W x 35.6 cm H)</small>	38 LBS <small>(17.2 KG)</small>	45" L X 51" W X 56" H <small>(114.3 CM L X 129.5 CM W X 142.2 CM H)</small>	1418 LBS <small>(643.2 KG)</small>	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 <small>(16°C - 27°C)</small>	(+) Apply at room temperature (+) Will not freeze	(+) 40°F - 90°F <small>(4.4°C - 32°C)</small> (+) 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