

Carlisle Adhesives

ADHESIVE	VOC COMPLIANT	MIXING REQUIRED	NOTES	COVERAGE RATE - FT ² /GALLON (M ² /GALLON)	MINIMUM APPLICATION TEMPERATURE - F° (C°)
EPDM Membrane Adhesives					
90-8-30A Bonding Adhesive	No	Yes	Can be used with all EPDM membranes.	60 (5.6)	N/A
x-23 Low-VOC Bonding Adhesive	Yes	Yes		60 (5.6)	N/A
AquaBase 120 Bonding Adhesive ^{1,5}	Yes	Yes		100-120 (9-11)	40° (4°)
Low-VOC Bonding Adhesive 1168 ¹	Yes	Yes		60 (5.6)	40° (4°)
Solvent Free EPDM Bonding Adhesive ¹	Yes	No		100 (9)	40° (4°)
HP-250 Primer	No	Yes		450 (41) ³	N/A
Low-VOC Primer	Yes	No		700 (65) ³	N/A
TPO Membrane Adhesives					
TPO Bonding Adhesive	No	Yes	Can be used with all TPO membranes.	60 (5.6)	N/A
Low-VOC Bonding Adhesive	Yes	Yes		60 (5.6)	N/A
AquaBase 120 Bonding Adhesive ^{1,5}	Yes	Yes		100-120 (9-11)	40° (4°)
Low-VOC Bonding Adhesive 1168 ¹	Yes	Yes		60 (5.6)	N/A
TPO Primer	No	Yes		250 (24)	N/A
Low-VOC Primer	Yes	No		700 (65) ³	N/A
PVC Membrane Adhesives					
Low-VOC PVC Bonding Adhesive ¹	Yes	Yes	Can be used with all PVC & KEE membranes.	60 (5.6)	N/A
HydroBond™ Water-Based Adhesive ^{1,5}	Yes	No	Can be used with all PVC membranes.	100-133 (9-12)	40° (4°)
FleeceBACK® Membrane Adhesives					
FAST 100-LV ¹	Yes	No ²	Can be used with all FleeceBACK® membranes.	Varies - Refer to Page 2	25° (-4°)
Flexible FAST™ ¹	Yes	No ²			25° (-4°)
FAST™ Dual Cartridges ¹	Yes	No			25° (-4°) ⁴
FAST Bag in a Box ¹	Yes	No			25° (-4°) ⁴
AquaBase 120 Bonding Adhesive ^{1,5}	Yes	Yes		100-120 (9-11)	40° (4°)
HydroBond Water-Based Adhesive ^{1,5}	Yes	No	Can be used with all FleeceBACK membranes, except AFX membranes.	100-133 (9-12)	40° (4°)
Cold Applied Bonding Adhesive ¹	Yes	No	Only for AFX membranes.	67 (6)	40° (4°)
Insulation Adhesives					
FAST 100-LV ¹	Yes	No ²	Can also be used for FleeceBACK membrane attachment.	Varies - Refer to Page 2	25° (-4°)
Flexible FAST ¹	Yes	No ²			25° (-4°)
FAST Dual Cartridges ¹	Yes	No			25° (-4°) ⁴
FAST Bag in a Box ¹	Yes	No			25° (-4°) ⁴
OlyBond 500™ BA Spot Shot	Yes	No	For insulation attachment only.		0 (-18°) ⁴
One Step Foamable Adhesive	Yes	No		0 (-18°) ⁴	
OlyBond 500 Bag in a Box	Yes	No		40° (4°)	

¹ - Meets the requirements of SCAQMD.

² - Mixing is required only if FAST Catalyst is used.

³ - For Kleen membranes. Dusted membranes will have a lower coverage rate.

⁴ - Must use IC or Winter formulation.

⁵ - Adhesive must be protected from freezing.



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FAST ADHESIVE

Flexible FAST 100 or FAST 100 LV Approximate Coverage Rates per FAST Adhesive (Sq. Ft.)

50 Gallon Drums	Spray	4" o.c.	6" o.c.	12" o.c.
FleeceBACK to a smooth flat surface	10,000	9,000	12,500	17,500
Insulation to a smooth flat surface	9,000	8,500	11,250	15,750
Insulation to wood fiber decks	6,500	5,500	8,125	11,375
Insulation to Gravel BUR	5,000	4,500	7,500	N/A
15 Gallon Drums	Spray	4" o.c.	6" o.c.	12" o.c.
FleeceBACK to a smooth flat surface	3,000	2,700	3,750	5,250
Insulation to a smooth flat surface	2,700	2,500	3,375	4,725
Insulation to wood fiber decks	2,000	1,650	2,500	3,500
Insulation to Gravel BUR	1,800	1,500	2,250	N/A
Sq. Ft. per FAST Box Set	Spray	4" o.c.	6" o.c.	12" o.c.
FleeceBACK to a smooth flat surface	225	210	280	390
Insulation to a smooth flat surface	180	170	225	315
Insulation to wood fiber decks	140	130	174	242
Insulation to Gravel BUR	110	102	136	N/A

FAST ADHESIVE DUAL CARTRIDGE

Approximate Coverage Rates

Sq. Ft. per carton of FAST DC	Spray	4" o.c.	6" o.c.	12" o.c.
Summer grade 50°F and above	200	200	300	600
"IC" Winter grade 25°F – 50°F	200	200	300	600

FAST ADHESIVE BAG IN A BOX

Approximate Coverage Rates

Sq. Ft. per set of FAST BIB	Spray	4" o.c.	6" o.c.	12" o.c.
Summer grade: applied in 1" beads	N/A	650	950	1,700
"IC" Winter grade: applied in 1" beads	N/A	650	950	1,700

OLYBOND 500 INSULATION ADHESIVE

Approximate Coverage Rates

Sq. Ft. per set of OB 500	Spray	4" o.c.	6" o.c.	12" o.c.
Regular: applied in 1" beads	N/A	650	950	1,700
Summer: applied in 1" beads	N/A	650	950	1,700
Winter: applied in 1" beads	N/A	650	950	1,700
Sq. Ft. per carton of Spot Shot	Spray	4" o.c.	6" o.c.	12" o.c.
Summer grade 50°F and above	N/A	200	300	600
Winter grade 40°F – 50°F	N/A	200	300	600



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