

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 ^{1,3}	Yes	Yes		100-120 (9-11)	40° (4°)
Low-VOC Bonding Adhesive 1168 ¹	Yes	Yes		60 (5.6)	N/A
Solvent Free EPDM Bonding Adhesive ¹	Yes	No		100 (9)	40° (4°)
CAV-GRIP III Low-VOC Adhesive/Primer ^{1,4}	Yes	No		900-1,000 (84-93)	25° (-4°)
HP-250 Primer	No	Yes		450 (41) ²	N/A
Low-VOC EPDM and TPO Primer	Yes	No		700 (65) ²	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 ^{1,3}	Yes	Yes		100-120 (9-11)	40° (4°)
Low-VOC Bonding Adhesive 1168 ¹	Yes	Yes		60 (5.6)	N/A
CAV-GRIP III Low-VOC Adhesive/Primer ¹	Yes	No		1,000 (93)	25° (-4°)
TPO Primer	No	Yes		250 (24)	N/A
Low-VOC EPDM and TPO Primer	Yes	No		700 (65) ²	N/A
PVC Membrane Adhesives					
Low-VOC PVC Bonding Adhesive ¹	Yes	Yes	Can be used with all PVC & KEE HP membranes.	60 (5.6)	N/A
HydroBond™ Water-Based Adhesive ^{1,3}	Yes	No	Can only be used with PVC membranes, not KEE HP membranes.	100-133 (9-12)	40° (4°)
FleeceBACK® Membrane Adhesives					
FAST ¹	Yes	No	Can be used with all FleeceBACK membranes.	Varies - Refer to Page 2	40° (4°)
Flexible FAST™ ¹	Yes	No			25° (-4°)
AquaBase 120 Bonding Adhesive ^{1,3}	Yes	Yes		100-120 (9-11)	40° (4°)
CAV-GRIP III Low-VOC Adhesive/Primer ¹	Yes	No	Vertical wall adhesive. Primer for unexposed Asphalt.	Single Sided - 2,000 (111.5)* Double Sided - 1,000 (69.7)*	25° (-4°)
HydroBond Water-Based Adhesive ^{1,3}	Yes	No	Can be used with all FleeceBACK membranes.	100-133 (9-12)	40° (4°)
Cold Applied Bonding Adhesive ¹	Yes	No	Only for AFX and KEE HP FleeceBACK membranes.	67 (6)	40° (4°)
Insulation Adhesives					
FAST ¹	Yes	No	Can also be used for FleeceBACK membrane attachment.	Varies - Refer to Page 2	40° (4°)
Flexible FAST ¹	Yes	No			25° (-4°)
OlyBond 500™ BA Spot Shot	Yes	No	For insulation attachment only.		0 (-18°)
OlyBond 500 Bag-in-a-Box	Yes	No		40° (4°)	

¹ - Meets the requirements of SCAQMD.

² - For Kleen membranes. Dusted membranes will have a lower coverage rate.

³ - Adhesive must be protected from freezing.

⁴ - Only approved for wall applications.

* - Approximate Coverage



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FLEXIBLE FAST AND FAST ADHESIVES

Approximate Coverage Rates - FT²

Application rates vary depending on surface and absorption rate of the substrate

50 Gallon Drums	Spray	4" o.c.	6" o.c.	12" o.c.
Adhesive to a smooth flat surface	10,000 (929)	9,000 (836)	12,500 (1161)	17,500 (1626)
Insulation to wood fiber decks	6,500 (604)	5,500 (511)	8,125 (755)	11,375 (1057)
Insulation to Gravel BUR	5,000 (465)	4,500 (418)	7,500 (697)	N/A
15 Gallon Drums	Spray	4" o.c.	6" o.c.	12" o.c.
Adhesive to a smooth flat surface	3,000 (279)	2,700 (251)	3,750 (348)	5,250 (488)
Insulation to wood fiber decks	2,000 (186)	1,650 (153)	2,500 (232)	3,500 (325)
Insulation to Gravel BUR	1,800 (167)	1,500 (139)	2,250 (209)	N/A
5-Gallon Jugs (Bag-in-a-Box)	Spray	4" o.c.	6" o.c.	12" o.c.
Adhesive to a smooth flat surface	1,000 (93)	900 (84)	1,250 (116)	1,750 (163)
Insulation to wood fiber decks	667 (62)	550 (51)	830 (77)	1,170 (109)
Insulation to Gravel BUR	600 (56)	500 (46)	750 (70)	N/A
Dual Tanks	Splatter*	4" o.c.	6" o.c.	12" o.c.
Adhesive to a smooth flat surface	2,000 (186)	1,000 (93)	1,500 (139)	3,000 (279)
Insulation to wood fiber decks	N/A	625 (58)	950 (88)	1,875 (174)
Insulation to Gravel BUR (FAST only)	N/A	515 (48)	875(81)	N/A
Dual Cartridge	N/A	4" o.c.	6" o.c.	12" o.c.
Adhesive to a smooth flat surface	N/A	200 (19)	300 (28)	600 (56)
Insulation to wood fiber decks	N/A	135 (13)	200 (19)	400 (37)
Insulation to Gravel BUR	N/A	100 (9)	150 (14)	N/A
OLYBOND 500 INSULATION ADHESIVE				
OlyBond 500 Bag-in-a-Box	Spray	4" o.c.	6" o.c.	12" o.c.
Adhesive to a smooth flat surface	N/A	900 (84)	1,250 (116)	1,750 (163)
Insulation to wood fiber decks	N/A	550 (51)	830 (77)	1,170 (109)
Insulation to Gravel BUR	N/A	500 (46)	750 (70)	N/A
Sq. Ft. per carton of Spot Shot	Spray	4" o.c.	6" o.c.	12" o.c.
Adhesive to a smooth flat surface	N/A	150 (14)	250 (23)	500 (46)
Insulation to wood fiber decks	N/A	150 (14)	250 (23)	500 (46)
Insulation to Gravel BUR	N/A	100 (9)	150 (14)	N/A

* - Membrane attachment only



800-479-6832 • P.O. Box 7000 • Carlisle, PA 17013 • Fax: 717-245-7053 • www.carlisesyntec.com