

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
Aqua Base 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, **}	Yes	No		1,000 (93)	25° (-4°)
HP-250 Primer ²	No	Yes		450 (41) ²	N/A
Low-VOC EPDM and TPO Primer ²	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
Aqua Base 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 ²	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
Low-VOC 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					
Flexible FAST™ ¹	Yes	No	Can be used with all FleeceBACK membranes.	See next page	25° (-4°)
Aqua Base 120 Bonding Adhesive ^{1, 3}	Yes	Yes		100-120 (9-11)	40° (4°)
CAV-GRIP III Low-VOC Adhesive/Primer ^{1, 4, **}	Yes	No	Vertical wall adhesive. Primer for unweathered Asphalt.	1-Sided Primer - 2000-2500 ft² when used as primer* 2-Sided Adhesive - Walls – 750 ft²*	25° (-4°)
Low-VOC 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					
Flexible FAST ¹	Yes	No	Can also be used for FleeceBACK membrane attachment	Varies - Refer to Page 2	25° (-4°)

¹ - Meets the requirements of SCAQMD.

* - Approximate Coverage

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

** - Coverage rate for CAV-GRIP III is per 40 lb cylinder.

³ - Adhesive must be protected from freezing.

⁴ - Only approved for wall applications.



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FLEXIBLE FAST ADHESIVE				
Approximate Coverage Rates				
(Application rates may vary depending on ambient temperatures, surface, and substrate absorption rate)				
50 Gallon Drums	Full Spray	4" o.c.	6" o.c.	12" o.c.
FT ²	5,000 – 10,000	6,700 – 9,000	10,000 – 12,500	20,000 – 25,000
M ²	465 – 929	622 – 836	929 – 1161	1858 – 2323
15 Gallon Drums	Full Spray	4" o.c.	6" o.c.	12" o.c.
FT ²	1,800 – 3,000	2,110 – 2,700	3,000 – 3,750	6,000 – 7,500
M ²	167 – 279	196 – 251	279 – 348	557 – 697
5-Gallon Jugs	Full Spray	4" o.c.	6" o.c.	12" o.c.
FT ²	600 – 1,000	670 – 900	1,000 – 1,250	2,000 – 2,500
M ²	56 – 93	62 – 84	93 – 116	186 – 232
Dual Tanks	Splatter*	4" o.c.	6" o.c.	12" o.c.
FT ²	2,000 – 2,200	1,000 – 1,200	1,500 – 1,700	3,000 – 3,200
M ²	185 – 204	93 – 111	139 – 158	279 – 297
Dual Cartridge	N/A	4" o.c.	6" o.c.	12" o.c.
FT ²	N/A	100 – 200	200 – 300	400 – 600
M ²	N/A	9 – 18	18 – 28	37 – 55

* - Membrane attachment only



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