

# Carlisle Adhesives

ADHESIVE	VOC COMPLIANT	MIXING REQUIRED	NOTES	COVERAGE RATE - SF/GAL (M <sup>2</sup> /GAL)	MINIMUM APPLICATION TEMPERATURE - F° (C°)
<b>EPDM Membrane Adhesives</b>					
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 <sup>1,3</sup>	Yes	Yes		100-120 (9-11)	40° (4°)
Low-VOC Bonding Adhesive 1168 <sup>1</sup>	Yes	Yes		60 (5.6)	N/A
CAV-GRIP® III Adhesive/Primer <sup>1,**</sup>	Yes	No		1,000** (93**)	25° (-4°)
HP-250 Primer <sup>2</sup>	No	Yes		450 (41) <sup>2</sup>	N/A
CAV-PRIME HP-250 Primer <sup>2,5,***</sup>	No	No		1,540*** (143***)	N/A
Low-VOC EPDM and TPO Primer <sup>2</sup>	Yes	No		700 (65) <sup>2</sup>	N/A
CAV-PRIME Low-VOC EPDM and TPO Primer <sup>2,5,***</sup>	Yes	No		1,760*** (163.5***)	N/A
<b>TPO Membrane Adhesives</b>					
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 <sup>1,3</sup>	Yes	Yes		100-120 (9-11)	40° (4°)
Low-VOC Bonding Adhesive 1168 <sup>1</sup>	Yes	Yes		60 (5.6)	N/A
CAV-GRIP III Adhesive/Primer <sup>1,5,**</sup>	Yes	No		1,000** (93**)	25° (-4°)
TPO Primer	No	Yes		250 (24)	N/A
CAV-PRIME TPO Primer <sup>5,***</sup>	No	No		1,540*** (143***)	N/A
Low-VOC EPDM and TPO Primer <sup>2</sup>	Yes	No		700 (65) <sup>2</sup>	N/A
CAV-PRIME Low-VOC EPDM and TPO Primer <sup>2,5,***</sup>	Yes	No		1,760*** (163.5***)	N/A
<b>PVC Membrane Adhesives</b>					
Low-VOC PVC Bonding Adhesive <sup>1</sup>	Yes	Yes	Can be used with all PVC & KEE HP membranes.	60 (5.6)	N/A
Low-VOC HydroBond™ Water-Based Adhesive <sup>1,3</sup>	Yes	No	Can only be used with PVC membranes, not KEE HP membranes.	100-133 (9-12)	40° (4°)
CAV-GRIP PVC Adhesive <sup>1,5,**</sup>	Yes	No	Can only be used with PVC membranes, not KEE HP membranes.	750** (70**)	35° (2°)
<b>FleeceBACK® Membrane Adhesives</b>					
Flexible FAST™ <sup>1</sup>	Yes	No	Can be used with all FleeceBACK membranes.	See next page	25° (-4°)
Aqua Base 120 Bonding Adhesive <sup>1,3</sup>	Yes	Yes		100-120 (9-11)	40° (4°)
CAV-GRIP III Adhesive/Primer <sup>1,4,5,**</sup>	Yes	No	Vertical wall adhesive. Primer for unweathered Asphalt.	1-Sided Primer - 2000-2500 ** when used as primer* 2-Sided Adhesive - Walls - 750 ** when used as a primer*	25° (-4°)
Low-VOC HydroBond Water-Based Adhesive <sup>1,3</sup>	Yes	No	Can be used with all FleeceBACK membranes.	100-133 (9-12)	40° (4°)
Cold Applied Bonding Adhesive <sup>1</sup>	Yes	No	Only for AFX and KEE HP FleeceBACK membranes.	67 (6)	40° (4°)



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Insulation Adhesives					
Flexible FAST <sup>1</sup>	Yes	No	Can also be used for FleeceBACK membrane attachment	Varies - Refer to Page 2	25° (-4°)

<sup>1</sup> - Meets the requirements of SCAQMD.

<sup>2</sup> - For Kleen membranes. Dusted membranes will have a lower coverage rate.

<sup>3</sup> - Adhesive must be protected from freezing.

<sup>4</sup> - Only approved for wall applications.

<sup>5</sup> - Cylinders must be kept warm (Between 70-100°F)

\* - Approximate Coverage

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

\*\*\* - Coverage rate for CAV-PRIME is per cylinder.

FLEXIBLE FAST ADHESIVE					
Approximate Coverage Rates					
Coverage rates are based upon adhesive applied to a smooth flat surface (membrane or insulation); porous surfaces like granular cap sheets, gypsum, or concrete will use more adhesive, achieving coverage rates towards the lower end of the published range.					
50 Gallon Drums	Full Spray	Splatter	4" o.c.	6" o.c.	12" o.c.
FT <sup>2</sup>	5,000 – 10,000	18,000-20,000	6,700 – 9,000	10,000 – 12,500	20,000 – 25,000
M <sup>2</sup>	465 – 929	1,672-1,858	622 – 836	929 – 1161	1858 – 2323
15 Gallon Drums	Full Spray	Splatter	4" o.c.	6" o.c.	12" o.c.
FT <sup>2</sup>	1,800 – 3,000	5,400-6,000	2,110 – 2,700	3,000 – 3,750	6,000 – 7,500
M <sup>2</sup>	167 – 279	502-557	196 – 251	279 – 348	557 – 697
5-Gallon Jugs	Full Spray	Splatter	4" o.c.	6" o.c.	12" o.c.
FT <sup>2</sup>	600 – 1,000	1,800-2,000	670 – 900	1,000 – 1,250	2,000 – 2,500
M <sup>2</sup>	56 – 93	167-186	62 – 84	93 – 116	186 – 232
Dual Tanks	Full Spray	Splatter*	4" o.c.	6" o.c.	12" o.c.
FT <sup>2</sup>	N/A	2,600-2,800	1,100-1,300	1,700-1,900	3,500-3,700
M <sup>2</sup>	N/A	242-260	102-121	158-177	325-344
Dual Cartridge	Full Spray	Splatter	4" o.c.	6" o.c.	12" o.c.
FT <sup>2</sup>	N/A	N/A	100 – 200	200 – 300	400 – 600
M <sup>2</sup>	N/A	N/A	9 – 18	18 – 28	37 – 55

\* Dual Tank Splatter is approved for FleeceBACK membrane attachment only.



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